



Features:

- Sense metallic objects
- Available with a wide range of diameter
- Reliable for application in Machine tools, Foundries, Textile, Automobiles etc.

Technical Specification:

- Diameter: 4 mm to 140 mm
- Sensing Distance: 0.5 to 100 mm
- Basic Connection: 2 wire / 3 wire / 4 wire
- Output Logic: NO / NC / RO / PNP-NO / PNP-NC / NPN-NO / NPN-NC
- Supply Voltage: 24/110/240 V AC, 5/24/30/48/65/110/220 V DC
- Mounting type: Flush / Non-Flush
- Load Current: 3-5 mA/100/200/300/400 mA

Inductive Proximity Switches

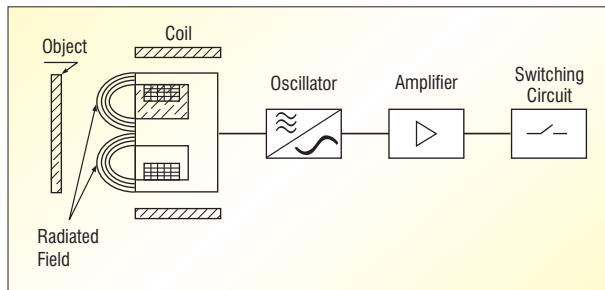
Series - SW 405 / 415

PRINCIPLE OF OPERATION

Series SW 405 Inductive Proximity Switches, available in varied shapes & sizes, are a reliable option for applications in Machine tools, Foundries, Rolling mills, Automobiles, Textiles, Pharmaceuticals and Material Handling systems.

This type of switches work on 'Damped Oscillator' principle. During operation a frontally radiated electromagnetic oscillating field is projected from the sensing face. Any electrically conductive material entering this field causes damping of the oscillations.

This change is detected by the in-built sensitive & reliable electronic circuit and is converted into an effective output signal.



APPLICATIONS

For Counting / Position Sensing of various objects in

- Bulk Material handling
- Automobile
- Steel Plants
- Fertilizer
- Cement
- Engineering Industries

SENSING OBJECT MATERIAL

The standard Inductive Proximity Switches can sense any metallic (electrically conductive) object. However, we have special type of switches to sense either only ferrous objects or sense only non-ferrous (Cu, Al etc.) objects. The details for the non-ferrous sensing switches are described elsewhere.

SENSING ZONE

this switch has a dome shaped electro-magnetic field present in front of the sensing area. The switch will sense the object entering into this domain.

SENSING DISTANCE (Sn)

This is the distance between the target and the sensing face at which the switch operates. This is usually specified considering M.S. as target material.

CORRECTION FACTOR

Targets other than MS actuate the Inductive Switches at relatively less distance with correction factor as given below. However this criteria is not applicable to special "Non-ferrous sensing models".

CORRECTION FACTOR TABLE

Object Material	Correction Factor
MS	1
SS	0.8
Brass	0.5
Al	0.45
Cu	0.4

NON-FERROUS INDUCTIVE SWITCHES

All standard inductive switches sense presence of any metal but will offer stated sensing distance only for ferrous materials like MS.

The type SW 4051-NF is specially developed to sense only non-ferrous metals such as Copper, Aluminium, Gold, Tin, Zinc etc. The biggest advantage of this type of switch is that the non-ferrous objects are sensed from larger distances as compared to standard models. These switches are available in M18 and above sizes. The other operating features are same as those of standard 3 wire DC Switches.

HIGH PRESSURE SWITCHES

Special high pressure type Inductive Proximity Switch has been developed for direct use in a Hydraulic cylinder.

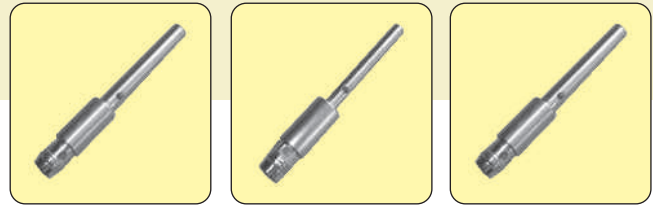
The switch construction is sturdy and is rated for pressure upto 500 bar.

These switches are also available in connector version for easy replacement.

Sizes & Sensing Distance

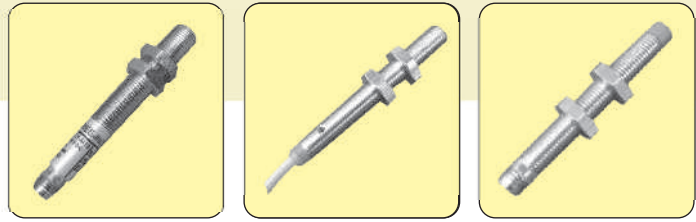
These switches are available from 4 mm dia. to 140 mm dia with sensing distance from 0.5mm to 100 mm.

INDUCTIVE PROXIMITY SWITCHES



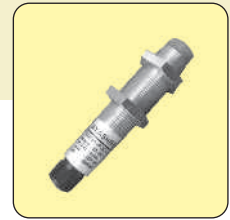
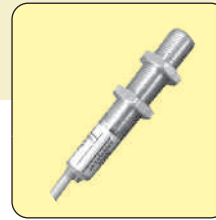
INDUCTIVE		Ø4	Ø5	M5	Ø6	M6
SW 4051/4151		DC 3/4 WIRE				
Dimension :	Dia.	Ø4	Ø5, M5		Ø6, M6	
	Length (mm)	35, 50, 65	35, 50, 65		35, 50, 65	
Sensing Distance	Sn. (mm)	F - 0.5	F - 0.8		F - 1	
Enclosure		S	S		S	
Load Current	(mA)	100 mA	100 mA		100 mA	
Supply Voltage	(V DC)	D1 to D6	D1 to D6		D1 to D6	
Switching Frequency	(Hz)	3000	2000		2000	
Logic Available		PO, PC, NO, NC	PO, PC, NO, NC		PO, PC, NO, NC	
SW 4052/4152		DC 2 WIRE NAMUR				
Dimension :	Dia.	N.A.	N.A.		N.A.	
	Length (mm)	N.A.	N.A.		N.A.	
Sensing Distance	Sn. (mm)	N.A.	N.A.		N.A.	
Enclosure		N.A.	N.A.		N.A.	
Load Current	(mA)	N.A.	N.A.		N.A.	
Supply Voltage	(V DC)	N.A.	N.A.		N.A.	
Switching Frequency	(Hz)	N.A.	N.A.		N.A.	
Logic Available		N.A.	N.A.		N.A.	
SW 4053/4153		DC 2 WIRE				
Dimension :	Dia.	N.A.	N.A.		N.A.	
	Length (mm)	N.A.	N.A.		N.A.	
Sensing Distance	Sn. (mm)	N.A.	N.A.		N.A.	
Enclosure		N.A.	N.A.		N.A.	
Load Current	(mA)	N.A.	N.A.		N.A.	
Supply Voltage	(V DC)	N.A.	N.A.		N.A.	
Switching Frequency	(Hz)	N.A.	N.A.		N.A.	
Logic Available		N.A.	N.A.		N.A.	
SW 4054/4154		AC/DC 2 WIRE				
Dimension :	Dia.	N.A.	N.A.		N.A.	
	Length (mm)	N.A.	N.A.		N.A.	
Sensing Distance	Sn. (mm)	N.A.	N.A.		N.A.	
Enclosure		N.A.	N.A.		N.A.	
Load Current	(mA)	N.A.	N.A.		N.A.	
Supply Voltage	(V AC/DC)	N.A.	N.A.		N.A.	
Switching Frequency	(Hz)	N.A.	N.A.		N.A.	
Logic Available		N.A.	N.A.		N.A.	
SW 4055/4155		AC 2 WIRE				
Dimension :	Dia.	N.A.	N.A.		N.A.	
	Length (mm)	N.A.	N.A.		N.A.	
Sensing Distance	Sn. (mm)	N.A.	N.A.		N.A.	
Enclosure		N.A.	N.A.		N.A.	
Load Current	(mA)	N.A.	N.A.		N.A.	
Supply Voltage	(V AC)	N.A.	N.A.		N.A.	
Switching Frequency	(Hz)	N.A.	N.A.		N.A.	
Logic Available		N.A.	N.A.		N.A.	


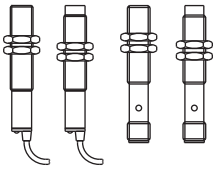
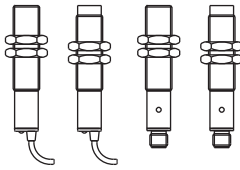
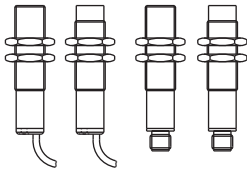
INDUCTIVE PROXIMITY SWITCHES



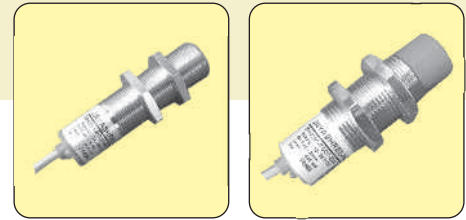
INDUCTIVE		Ø6.5	M8	M10
SW 4051/4151		DC 3/4 WIRE		
Dimension :	Dia.	Ø6.5	M8	M10
	Length (mm)	35, 50, 65	35, 50, 65	50, 65
Sensing Distance	Sn. (mm)	F - 1	F - 1.5 NF - 2	F - 1.5 NF - 2
Enclosure		S	B, S	B, S
Load Current	(mA)	100	200	100
Supply Voltage	(V DC)	D1 to D6	D1 to D6	D1 to D6
Switching Frequency	(Hz)	2000	1000	1000
Logic Available		PO, PC, NO, NC	PO, PC, NO, NC	PO, PC, NO, NC
SW 4052/4152		DC 2 WIRE NAMUR		
Dimension :	Dia.	N.A.	M8	M10
	Length (mm)	N.A.	35, 50, 65	50, 65
Sensing Distance	Sn. (mm)	N.A.	F - 1.5 NF - 2	F - 1.5 NF - 2
Enclosure		N.A.	B.S.	B.S.
Load Current	(mA)	N.A.	3 to 5 mA	3 to 5 mA
Supply Voltage	(V DC)	N.A.	D4	D4
Switching Frequency	(Hz)	N.A.	1000	1000
Logic Available		N.A.	NO, NC	NO, NC
SW 4053/4153		DC 2 WIRE		
Dimension :	Dia.	N.A.	M8	M10
	Length (mm)	N.A.	35, 50, 65	50, 65
Sensing Distance	Sn. (mm)	N.A.	F - 1.5 NF - 2	F - 1.5 NF - 2
Enclosure		N.A.	B, S	B, S
Load Current	(mA)	N.A.	100	100
Supply Voltage	(V DC)	N.A.	D6	D6
Switching Frequency	(Hz)	N.A.	1000	1000
Logic Available		N.A.	NO, NC	NO, NC
SW 4054/4154		AC/DC 2 WIRE		
Dimension :	Dia.	N.A.	N.A.	N.A.
	Length (mm)	N.A.	N.A.	N.A.
Sensing Distance	Sn. (mm)	N.A.	N.A.	N.A.
Enclosure		N.A.	N.A.	N.A.
Load Current	(mA)	N.A.	N.A.	N.A.
Supply Voltage	(V AC/DC)	N.A.	N.A.	N.A.
Switching Frequency	(Hz)	N.A.	N.A.	N.A.
Logic Available		N.A.	N.A.	N.A.
SW 4055/4155		AC 2 WIRE		
Dimension :	Dia.	N.A.	M8	M10
	Length (mm)	N.A.	80	80
Sensing Distance	Sn. (mm)	N.A.	NF - 2 F - 1.5	NF - 2
Enclosure		N.A.	B.S.	B.S.
Load Current	(mA)	N.A.	200	100
Supply Voltage	(V AC)	N.A.	A1 to A4	A1 to A4
Switching Frequency	(Hz)	N.A.	15	15
Logic Available		N.A.	NO, NC	NO, NC

INDUCTIVE PROXIMITY SWITCHES



INDUCTIVE		M12		M14		M16	
							
SW 4051/4151		DC 3/4 WIRE					
Dimension :	Dia.	M12		M14		M16	
	Length (mm)	40, 50, 65		40, 50, 65		35, 50, 65	
Sensing Distance	Sn. (mm)	F - 2.5	NF - 4	F - 2.5	NF - 4	F - 3	NF - 5
Enclosure		B, A, S		B, A, S		B, S	
Load Current	(mA)	200		200		200	
Supply Voltage	(V DC)	D1 to D6		D1 to D6		D1 to D6	
Switching Frequency	(Hz)	1000		1000		1000	
Logic Available		PO, PC, NO, NC, PDO, NDO		PO, PC, NO, NC, PDO, NDO		PO, PC, NO, NC, PDO, NDO	
SW 4052/4152		DC 2 WIRE NAMUR					
Dimension :	Dia.	M12		M14		M16	
	Length (mm)	40, 50, 65		40, 50, 65		35, 50, 65	
Sensing Distance	Sn. (mm)	F - 2.5	NF - 4	F - 2.5	NF - 4	F - 3	NF - 5
Enclosure		B, A, S		B, A, S		B, S	
Load Current	(mA)	3 to 5 mA		3 to 5 mA		3 to 5 mA	
Supply Voltage	(V DC)	D4		D4		D4	
Switching Frequency	(Hz)	1000		1000		1000	
Logic Available		NO, NC		NO, NC		NO, NC	
SW 4053/4153		DC 2 WIRE					
Dimension :	Dia.	M12		M14		M16	
	Length (mm)	40, 50, 65		40, 50, 65		35, 50, 65	
Sensing Distance	Sn. (mm)	F - 2.5	NF - 4	F - 2.5	NF - 4	F - 3	NF - 5
Enclosure		B, A, S		B, A, S		B, S	
Load Current	(mA)	200		200		200	
Supply Voltage	(V DC)	D6		D6		D6	
Switching Frequency	(Hz)	1000		1000		1000	
Logic Available		NO, NC		NO, NC		NO, NC	
SW 4054/4154		AC/DC 2 WIRE					
Dimension :	Dia.	M12		M14		M16	
	Length (mm)	80		80		80	
Sensing Distance	Sn. (mm)	F - 2.5	NF - 4	F - 2.5	NF - 4	F - 3	NF - 5
Enclosure		B, A, S		B, A, S		B, S	
Load Current	(mA)	200		200		200	
Supply Voltage	(V AC/DC)	A6		A6		A6	
Switching Frequency	(Hz)	15		15		15	
Logic Available		NO, NC		NO, NC		NO, NC	
SW 4055/4155		AC 2 WIRE					
Dimension :	Dia.	M12		M14		M16	
	Length (mm)	80		80		80	
Sensing Distance	Sn. (mm)	F - 2.5	NF - 4	F - 2.5	NF - 4	F - 3	NF - 5
Enclosure		B, A, S		B, A, S		B, S	
Load Current	(mA)	200		200		200	
Supply Voltage	(V AC)	A1 to A5		A1 to A5		A1 to A5	
Switching Frequency	(Hz)	15		15		15	
Logic Available		NO, NC		NO, NC		NO, NC	

INDUCTIVE PROXIMITY SWITCHES



INDUCTIVE		M18		M20		M22	
SW 4051/4151		DC 3/4 WIRE					
Dimension :	Dia.	M18		Ø20		M22	
	Length (mm)	35, 50, 65		50, 65		65	
Sensing Distance	Sn. (mm)	F - 5	NF - 8	F - 7	NF - 10	F - 5	NF - 8
Enclosure		B, A, S, T		A		B, S	
Load Current (mA)		400		400		400	
Supply Voltage (V DC)		D1 to D6		D1 to D6		D1 to D6	
Switching Frequency (Hz)		500		500		500	
Logic Available		PO, PC, NO, NC, PDO, NDO		PO, PC, NO, NC, PDO, NDO		PO, PC, NO, NC, PDO, NDO	
SW 4052/4152		DC 2 WIRE NAMUR					
Dimension :	Dia.	M18		Ø20		M22	
	Length (mm)	35, 50, 65		65		65	
Sensing Distance	Sn. (mm)	F - 5	NF - 8	F - 7	NF - 10	F - 5	NF - 8
Enclosure		B, A, S, T		A		B, S	
Load Current (mA)		3 to 5 mA		3 to 5 mA		3 to 5 mA	
Supply Voltage (V DC)		D4		D4		D4	
Switching Frequency (Hz)		500		500		500	
Logic Available		NO, NC		NO, NC		NO, NC	
SW 4053/4153		DC 2 WIRE					
Dimension :	Dia.	M18		Ø20		M22	
	Length (mm)	35, 50, 65		65		65	
Sensing Distance	Sn. (mm)	F - 5	NF - 8	F - 7	NF - 10	F - 5	NF - 8
Enclosure		B, A, S, T		A		B, S	
Load Current (mA)		400		400		400	
Supply Voltage (V DC)		D6		D6		D6	
Switching Frequency (Hz)		500		500		500	
Logic Available		NO, NC		NO, NC		NO, NC	
SW 4054/4154		AC/DC 2 WIRE					
Dimension :	Dia.	M18		Ø20		M22	
	Length (mm)	80		80		80	
Sensing Distance	Sn. (mm)	F - 5	NF - 8	F - 7	NF - 10	F - 5	NF - 8
Enclosure		B, A, S, T		A		B, S	
Load Current (mA)		400		400		400	
Supply Voltage (V AC/DC)		A6		A6		A6	
Switching Frequency (Hz)		15		15		15	
Logic Available		NO, NC		NO, NC		NO, NC	
SW 4055/4155		AC 2 WIRE					
Dimension :	Dia.	M18		Ø20		M22	
	Length (mm)	80		80		80	
Sensing Distance	Sn. (mm)	F - 5	NF - 8	F - 7	NF - 10	F - 5	NF - 8
Enclosure		B, A, S, T		A		B, S	
Load Current (mA)		400		400		400	
Supply Voltage (V AC)		A1 to A5		A1 to A5		A1 to A5	
Switching Frequency (Hz)		15		15		15	
Logic Available		NO, NC		NO, NC		NO, NC	

INDUCTIVE PROXIMITY SWITCHES



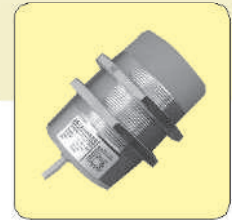
INDUCTIVE		M24		M30		M32	
SW 4051/4151		DC 3/4 WIRE					
Dimension :	Dia.	M24		M30		M32	
	Length (mm)	50, 65		50, 65		65	
Sensing Distance	Sn. (mm)	F - 8	NF - 10	F - 10	NF - 15	F - 10	NF - 15
Enclosure		B, S		B, A, S, T		B, S	
Load Current (mA)		400		400		400	
Supply Voltage (V DC)		D1 to D6		D1 to D6		D1 to D6	
Switching Frequency (Hz)		500		200		200	
Logic Available		PO, PC, NO, NC, PDO, NDO		PO, PC, NO, NC, PDO, NDO		PO, PC, NO, NC, PDO, NDO	
SW 4052/4152		DC 2 WIRE NAMUR					
Dimension :	Dia.	M24		M30		M32	
	Length (mm)	50, 65		50, 65		65	
Sensing Distance	Sn. (mm)	F - 8	NF - 10	F - 10	NF - 15	F - 10	NF - 15
Enclosure		B, S		B, A, S, T		B, S	
Load Current (mA)		3 to 5 mA		3 to 5 mA		3 to 5 mA	
Supply Voltage (V DC)		D4		D4		D4	
Switching Frequency (Hz)		500		200		200	
Logic Available		NO, NC		NO, NC		NO, NC	
SW 4053/4153		DC 2 WIRE					
Dimension :	Dia.	M24		M30		M32	
	Length (mm)	50, 65		50, 65		65	
Sensing Distance	Sn. (mm)	F - 8	NF - 10	F - 10	NF - 15	F - 10	NF - 15
Enclosure		B, S		B, A, S, T		B, S	
Load Current (mA)		400		400		400	
Supply Voltage (V DC)		D6		D6		D6	
Switching Frequency (Hz)		500		200		200	
Logic Available		NO, NC		NO, NC		NO, NC	
SW 4054/4154		AC/DC 2 WIRE					
Dimension :	Dia.	M24		M30		M32	
	Length (mm)	80		80		80	
Sensing Distance	Sn. (mm)	F - 8	NF - 10	F - 10	NF - 15	F - 10	NF - 15
Enclosure		B, S		B, A, S, T		B.S.	
Load Current (mA)		400		400		400	
Supply Voltage (V AC/DC)		A6		A6		A6	
Switching Frequency (Hz)		15		15		15	
Logic Available		NO, NC		NO, NC		NO, NC	
SW 4055/4155		AC 2 WIRE					
Dimension :	Dia.	M24		M30		M32	
	Length (mm)	80		80		80	
Sensing Distance	Sn. (mm)	F - 8	NF - 10	F - 10	NF - 15	F - 10	NF - 15
Enclosure		B, S		B, A, S, T		B, S	
Load Current (mA)		400		400		400	
Supply Voltage (V AC)		A1 to A5		A1 to A5		A1 to A5	
Switching Frequency (Hz)		15		15		15	
Logic Available		NO, NC		NO, NC		NO, NC	


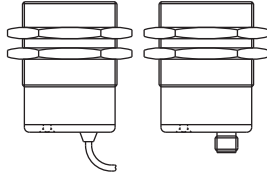
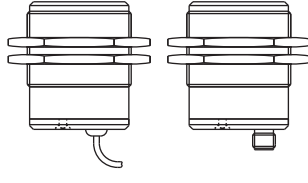
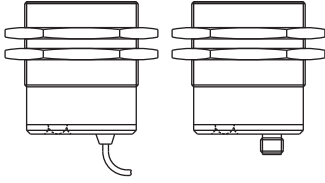
INDUCTIVE PROXIMITY SWITCHES



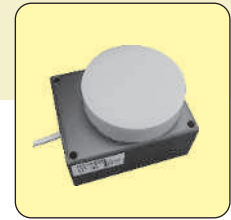
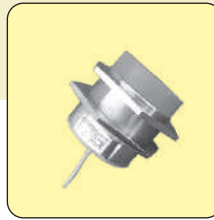
INDUCTIVE		ø34		M36		M42	
SW 4051/4151		DC 3/4 WIRE					
Dimension :	Dia.	Ø34		M36		M42	
	Length (mm)	65		65		65	
Sensing Distance	Sn. (mm)	F - 12	NF - 16	F - 13	NF - 16	F - 15	NF - 18
Enclosure		A		B, S,		B, S	
Load Current (mA)		200		400		400	
Supply Voltage (V DC)		D1 to D6		D1 to D6		D1 to D6	
Switching Frequency (Hz)		200		200		200	
Logic Available		PO, PC, NO, NC, PDO, NDO		PO, PC, NO, NC, PDO, NDO		PO, PC, NO, NC, PDO, NDO	
SW 4052/4152		DC 2 WIRE NAMUR					
Dimension :	Dia.	Ø34		M36		M42	
	Length (mm)	65		65		65	
Sensing Distance	Sn. (mm)	F - 12	NF - 16	F - 13	NF - 16	F - 15	NF - 18
Enclosure		A		B, S,		B, S	
Load Current (mA)		3 to 5 mA		3 to 5 mA		3 to 5 mA	
Supply Voltage (V DC)		D4		D4		D4	
Switching Frequency (Hz)		200		200		200	
Logic Available		NO, NC		NO, NC		NO, NC	
SW 4053/4153		DC 2 WIRE					
Dimension :	Dia.	Ø34		M36		M42	
	Length (mm)	65		65		65	
Sensing Distance	Sn. (mm)	F - 12	NF - 16	F - 13	NF - 16	F - 15	NF - 18
Enclosure		A		B, S		B, S	
Load Current (mA)		400		400		400	
Supply Voltage (V DC)		D6		D6		D6	
Switching Frequency (Hz)		200		200		200	
Logic Available		NO, NC		NO, NC		NO, NC	
SW 4054/4154		AC/DC 2 WIRE					
Dimension :	Dia.	Ø34		M36		M42	
	Length (mm)	80		80		80	
Sensing Distance	Sn. (mm)	F - 12	NF - 16	F - 13	NF - 16	F - 15	NF - 18
Enclosure		A		B, S		B, S	
Load Current (mA)		400		400		400	
Supply Voltage (V AC/DC)		A6		A6		A6	
Switching Frequency (Hz)		15		15		15	
Logic Available		NO, NC		NO, NC		NO, NC	
SW 4055/4155		AC 2 WIRE					
Dimension :	Dia.	Ø34		M36		M42	
	Length (mm)	80		80		80	
Sensing Distance	Sn. (mm)	F - 12	NF - 16	F - 13	NF - 16	F - 15	NF - 18
Enclosure		A		B, S		B, S	
Load Current (mA)		400		400		400	
Supply Voltage (V AC)		A1 to A5		A1 to A5		A1 to A5	
Switching Frequency (Hz)		15		15		15	
Logic Available		NO, NC		NO, NC		NO, NC	

INDUCTIVE PROXIMITY SWITCHES



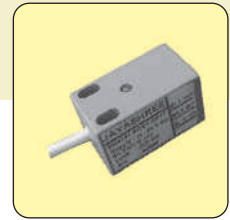
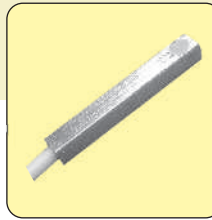
INDUCTIVE		M50		M55		M60	
							
SW 4051/4151		DC 3/4 WIRE					
Dimension :	Dia.	M50		M55		M60	
	Length (mm)	65		65		65	
Sensing Distance	Sn. (mm)	F - 16	NF - 20	F - 16	Nf - 20	F - 20	NF - 25
Enclosure		B, S		B, S		B, S	
Load Current (mA)		400		400		400	
Supply Voltage (V DC)		D1 to D6		D1 to D6		D1 to D6	
Switching Frequency (Hz)		200		100		200	
Logic Available		PO, PC, NO, NC, PDO, NDO		PO, PC, NO, NC, PDO, NDO		PO, PC, NO, NC, PDO, NDO	
SW 4052/4152		DC 2 WIRE NAMUR					
Dimension :	Dia.	M50		M55		M60	
	Length (mm)	65		65		65	
Sensing Distance	Sn. (mm)	F - 16	NF - 20	F - 16	NF - 20	F - 20	NF - 25
Enclosure		B, S		B, S		B, S	
Load Current (mA)		3 to 5 mA		3 to 5 mA		3 to 5 mA	
Supply Voltage (V DC)		D4		D4		D4	
Switching Frequency (Hz)		200		100		200	
Logic Available		NO, NC		NO, NC		NO, NC	
SW 4053/4153		DC 2 WIRE					
Dimension :	Dia.	M50		M55		M60	
	Length (mm)	65		65		65	
Sensing Distance	Sn. (mm)	F - 16	NF - 20	F - 16	NF - 20	F - 20	NF - 25
Enclosure		B, S		B, S		B, S	
Load Current (mA)		400		400		400	
Supply Voltage (V DC)		D6		D6		D6	
Switching Frequency (Hz)		200		100		200	
Logic Available		NO, NC		NO, NC		NO, NC	
SW 4054/4154		AC/DC 2 WIRE					
Dimension :	Dia.	M50		M55		M60	
	Length (mm)	80		80		80	
Sensing Distance	Sn. (mm)	F - 16	NF - 20	F - 16	NF - 20	F - 20	NF - 25
Enclosure		B, S		B, S		B, S,	
Load Current (mA)		400		400		400	
Supply Voltage (V AC/DC)		A6		A6		A6	
Switching Frequency (Hz)		15		15		15	
Logic Available		NO, NC		NO, NC		NO, NC	
SW 4055/4155		AC 2 WIRE					
Dimension :	Dia.	M50		M55		M60	
	Length (mm)	80		80		80	
Sensing Distance	Sn. (mm)	F - 16	NF - 20	F - 16	NF - 20	F - 20	NF - 25
Enclosure		B, S		B, S		B, S	
Load Current (mA)		400		400		400	
Supply Voltage (V AC)		A1 to A5		A1 to A5		A1 to A5	
Switching Frequency (Hz)		15		15		15	
Logic Available		NO, NC		NO, NC		NO, NC	

INDUCTIVE PROXIMITY SWITCHES



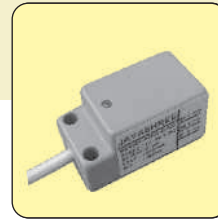
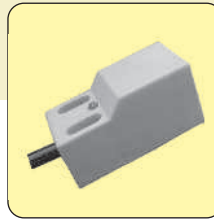
INDUCTIVE		M80	D150	H100*80*45
SW 4051/4151		DC 3/4 WIRE		
Dimension :	Dia.	M80	D150	H100*80
	Length (mm)	65	185x185x87.5	100x80x45
Sensing Distance	Sn. (mm)	F - 30 NF - 35	F - 100	NF - 40
Enclosure		B, S	A	A
Load Current (mA)		400	400	400
Supply Voltage (V DC)		D1 to D6	D1 to D6	D1 to D6
Switching Frequency (Hz)		200	100	100
Logic Available		PO, PC, NO, NC, PDO, NDO	PO, PC, NO, NC, PDO, NDO	PO, PC, NO, NC, PDO, NDO
SW 4052/4152		DC 2 WIRE NAMUR		
Dimension :	Dia.	M80	D150	H100*80
	Length (mm)	65	185 x 185 x 87.5	100 x 80 x 45
Sensing Distance	Sn. (mm)	F - 30 NF - 35	F - 100	F-40
Enclosure		B, S	A	A
Load Current (mA)		3 to 5 mA	3 to 5 mA	3 to 5 mA
Supply Voltage (V DC)		D4	D4	D4
Switching Frequency (Hz)		200	100	100
Logic Available		NO, NC	NO, NC	NO, NC
SW 4053/4153		DC 2 WIRE		
Dimension :	Dia.	M80	D150	H100*80
	Length (mm)	65	185 x 185 x 87.5	100 x 80 x 45
Sensing Distance	Sn. (mm)	F - 30 NF - 35	F - 100	F-40
Enclosure		B, S	A	A
Load Current (mA)		400	400	400
Supply Voltage (V DC)		D6	D6	D6
Switching Frequency (Hz)		200	100	100
Logic Available		NO, NC	NO, NC	NO, NC
SW 4054/4154		AC/DC 2 WIRE		
Dimension :	Dia.	M80	D150	H100*80
	Length (mm)	65	185 x 185 x 87.5	100 x 80 x 45
Sensing Distance	Sn. (mm)	F - 30 NF - 35	F - 100	F-40
Enclosure		B, S	A	A
Load Current (mA)		400	400	400
Supply Voltage (V AC/DC)		A6	A6	A6
Switching Frequency (Hz)		15	15	15
Logic Available		NO, NC	NO, NC	NO, NC
SW 4055/4155		AC 2 WIRE		
Dimension :	Dia.	M80	D150	H100*80
	Length (mm)	80	185 x 185 x 87.5	100 x 80 x 45
Sensing Distance	Sn. (mm)	F - 30 NF - 35	F - 100	F-40
Enclosure		B, S	A	A
Load Current (mA)		400	400	400
Supply Voltage (V AC)		A1 to A5	A1 to A5	A1 to A5
Switching Frequency (Hz)		15	15	15
Logic Available		NO, NC	NO, NC	NO, NC


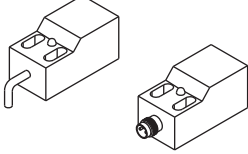
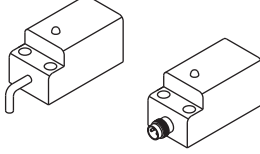
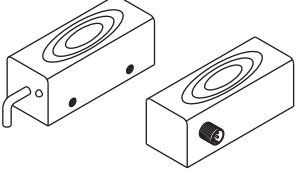
INDUCTIVE PROXIMITY SWITCHES



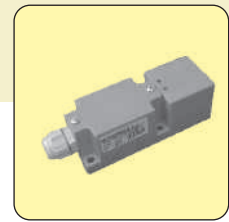
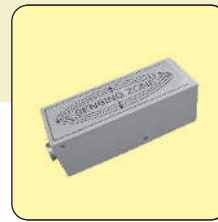
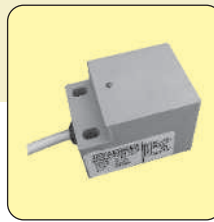
INDUCTIVE		DB4	DB8	D17
SW 4051/4151		DC 3/4 WIRE		
Dimension :	Dia.	N.A.	DB8	D17
	Length (mm)	30 x 4 x 4	40 x 8 x 8	30 x 17 x 17
Sensing Distance	Sn. (mm)	0.5	1	5
Enclosure		B	B, S	A
Load Current	(mA)	100	100	200
Supply Voltage	(V DC)	D1 to D6	D1 to D6	D1 to D6
Switching Frequency	(Hz)	1000	1000	500
Logic Available		PO, NO	PO, NO	PO, NO
SW 4052/4152		DC 2 WIRE NAMUR		
Dimension :	Dia.	N. A.	N. A.	D17
	Length (mm)	N. A.	N. A.	30 x 17 x 17
Sensing Distance	Sn. (mm)	N. A.	N. A.	5
Enclosure		N. A.	N. A.	A
Load Current	(mA)	N. A.	N. A.	3 to 5 mA
Supply Voltage	(V DC)	N. A.	N. A.	D4
Switching Frequency	(Hz)	N. A.	N. A.	500
Logic Available		N. A.	N. A.	NO, NC
SW 4053/4153		DC 2 WIRE		
Dimension :	Dia.	N. A.	N. A.	D17
	Length (mm)	N. A.	N. A.	30 x 17 x 17
Sensing Distance	Sn. (mm)	N. A.	N. A.	5
Enclosure		N. A.	N. A.	A
Load Current	(mA)	N. A.	N. A.	200
Supply Voltage	(V DC)	N. A.	N. A.	D4
Switching Frequency	(Hz)	N. A.	N. A.	500
Logic Available		N. A.	N. A.	NO, NC
SW 4054/4154		AC/DC 2 WIRE		
Dimension :	Dia.	N. A.	N. A.	N.A.
	Length (mm)	N. A.	N. A.	N.A.
Sensing Distance	Sn. (mm)	N. A.	N. A.	N.A.
Enclosure		N. A.	N. A.	N.A.
Load Current	(mA)	N. A.	N. A.	N.A.
Supply Voltage	(V AC/DC)	N. A.	N. A.	N.A.
Switching Frequency	(Hz)	N. A.	N. A.	N.A.
Logic Available		N. A.	N. A.	N.A.
SW 4055/4155		AC 2 WIRE		
Dimension :	Dia.	N. A.	N. A.	N.A.
	Length (mm)	N. A.	N. A.	N.A.
Sensing Distance	Sn. (mm)	N. A.	N. A.	N.A.
Enclosure		N. A.	N. A.	N.A.
Load Current	(mA)	N. A.	N. A.	N.A.
Supply Voltage	(V AC)	N. A.	N. A.	N.A.
Switching Frequency	(Hz)	N. A.	N. A.	N.A.
Logic Available		N. A.	N. A.	N.A.

INDUCTIVE PROXIMITY SWITCHES



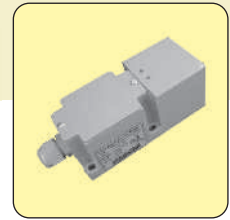
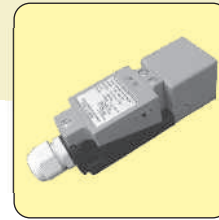
INDUCTIVE		D18	D20	DFS25
				
SW 4051/4151		DC 3/4 WIRE		
Dimension :	Dia.	D18	D20	DFS25
	Length (mm)	36 x 18 x 18	38 x 20 x 20	65 x 25 x 25
Sensing Distance	Sn. (mm)	8	5	2-9
Enclosure		A	A	A
Load Current	(mA)	200	200	200
Supply Voltage	(V DC)	D1 to D6	D1 to D6	D1 to D6
Switching Frequency	(Hz)	500	500	50
Logic Available		PO, NO	PO, NO	PO, PC, NO, NC, PDO, NDO
SW 4052/4152		DC 2 WIRE NAMUR		
Dimension :	Dia.	D18	D20	DFS25
	Length (mm)	36 x 18 x 18	38 x 20 x 20	65 x 25 x 25
Sensing Distance	Sn. (mm)	8	5	2-9
Enclosure		A	A	A
Load Current	(mA)	3 to 5 mA	3 to 5 mA	3 to 5 mA
Supply Voltage	(V DC)	D4	D4	D4
Switching Frequency	(Hz)	500	500	50
Logic Available		NO, NC	NO, NC	NO, NC
SW 4053/4153		DC 2 WIRE		
Dimension :	Dia.	D18	D20	DFS25
	Length (mm)	N.A.	38 x 20 x 20	65 x 25 x 25
Sensing Distance	Sn. (mm)	N.A.	5	2-9
Enclosure		N.A.	A	A
Load Current	(mA)	N.A.	200	200
Supply Voltage	(V DC)	N.A.	D6	D6
Switching Frequency	(Hz)	N.A.	500	50
Logic Available		N.A.	NO, NC	NO, NC
SW 4054/4154		AC/DC 2 WIRE		
Dimension :	Dia.	D18	D20	DFS25
	Length (mm)	N.A.	N.A.	65 x 25 x 25
Sensing Distance	Sn. (mm)	N.A.	N.A.	2-9
Enclosure		N.A.	N.A.	A
Load Current	(mA)	N.A.	N.A.	200
Supply Voltage	(V AC/DC)	N.A.	N.A.	A6
Switching Frequency	(Hz)	N.A.	N.A.	15
Logic Available		N.A.	N.A.	NO, NC
SW 4055/4155		AC 2 WIRE		
Dimension :	Dia.	D18	D20	DFS25
	Length (mm)	N.A.	N.A.	65 x 25 x 25
Sensing Distance	Sn. (mm)	N.A.	N.A.	2-9
Enclosure		N.A.	N.A.	A
Load Current	(mA)	N.A.	N.A.	200
Supply Voltage	(V AC)	N.A.	N.A.	A1 to A5
Switching Frequency	(Hz)	N.A.	N.A.	15
Logic Available		N.A.	N.A.	NO, NC

INDUCTIVE PROXIMITY SWITCHES



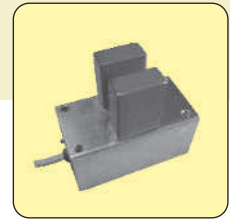
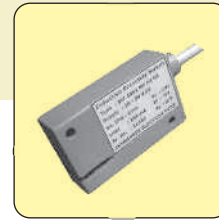
INDUCTIVE		D35	DFS40	D40
SW 4051/4151		DC 3/4 WIRE		
Dimension :	Dia.	D35	DFS40	D40
	Length (mm)	35 x 35 x 48	112.5 x 40 x 40	112.5 x 40 x 40
Sensing Distance	Sn. (mm)	15	2-13	15
Enclosure		A	A	A
Load Current	(mA)	400	400	400
Supply Voltage	(V DC)	D1 to D8	D1 to D8	D1 to D8
Switching Frequency	(Hz)	200	100	100
Logic Available		PO, PC, NO, NC, PDO, NDO	PO, PC, NO, NC, PDO, NDO	PO, PC, NO, NC, PDO, NDO
SW 4052/4152		DC 2 WIRE NAMUR		
Dimension :	Dia.	D35	DFS40	D40
	Length (mm)	35 x 35 x 48	112.5 x 40 x 40	112.5 x 40 x 40
Sensing Distance	Sn. (mm)	15	2-13	15
Enclosure		A	A	A
Load Current	(mA)	3 to 5 mA	3 to 5 mA	3 to 5 mA
Supply Voltage	(V DC)	D4	D4	D4
Switching Frequency	(Hz)	200	100	100
Logic Available		NO, NC	NO, NC	NO, NC
SW 4053/4153		DC 2 WIRE		
Dimension :	Dia.	D35	DFS40	D40
	Length (mm)	35 x 35 x 48	112.5 x 40 x 40	112.5 x 40 x 40
Sensing Distance	Sn. (mm)	15	2-13	15
Enclosure		A	A	A
Load Current	(mA)	400	400	400
Supply Voltage	(V DC)	D6	D6	D6
Switching Frequency	(Hz)	200	100	100
Logic Available		NO, NC	NO, NC	NO, NC
SW 4054/4154		AC/DC 2 WIRE		
Dimension :	Dia.	D35	DFS40	D40
	Length (mm)	35 x 35 x 48	112.5 x 40 x 40	112.5 x 40 x 40
Sensing Distance	Sn. (mm)	15	2-13	15
Enclosure		A	A	A
Load Current	(mA)	400	400	400
Supply Voltage	(V AC/DC)	A6	A6	A6
Switching Frequency	(Hz)	15	15	15
Logic Available		NO, NC	NO, NC	NO, NC
SW 4055/4155		AC 2 WIRE		
Dimension :	Dia.	D35	DFS40	D40
	Length (mm)	35 x 35 x 48	112.5 x 40 x 40	112.5 x 40 x 40
Sensing Distance	Sn. (mm)	15	2-13	15
Enclosure		A	A	A
Load Current	(mA)	400	400	400
Supply Voltage	(V AC)	A1 to A5	A1 to A5	A1 to A5
Switching Frequency	(Hz)	15	15	15
Logic Available		NO, NC	NO, NC	NO, NC

INDUCTIVE PROXIMITY SWITCHES



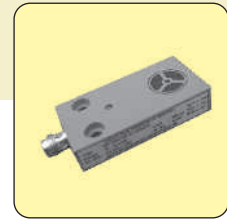
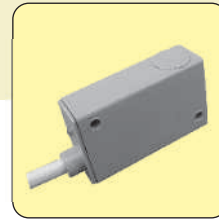
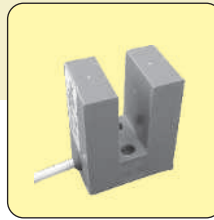
INDUCTIVE		DV40	D50	G-2
SW 4051/4151		DC 3/4 WIRE		
Dimension :	Dia.	DV40 (Variable Sensing Head)	D50	Gap 2
	Length (mm)	118 x 40 x 40	120 x 50 x 50	36 x 9.6 x 10
Sensing Distance	Sn. (mm)	15	20	2 mm
Enclosure		A	A	A
Load Current (mA)		400	400	200
Supply Voltage (V DC)		D1 to D8	D1 to D8	D1 to D6
Switching Frequency (Hz)		100	100	200
Logic Available		PO, PC, NO, NC, PDO, NDO	PO, PC, NO, NC, PDO, NDO	PO, NO
SW 4052/4152		DC 2 WIRE NAMUR		
Dimension :	Dia.	DV40 (Variable Sensing Head)	D50	Gap 2
	Length (mm)	118 x 40 x 40	120 x 50 x 50	36 x 9.6 x 10
Sensing Distance	Sn. (mm)	15	20	2 mm
Enclosure		A	A	A
Load Current (mA)		3 to 5 mA	3 to 5 mA	3 to 5 mA
Supply Voltage (V DC)		D4	D4	D4
Switching Frequency (Hz)		100	100	200
Logic Available		NO, NC	NO, NC	NO, NC
SW 4053/4153		DC 2 WIRE		
Dimension :	Dia.	DV40 (Variable Sensing Head)	D50	N.A.
	Length (mm)	118 x 40 x 40	120 x 50 x 50	N.A.
Sensing Distance	Sn. (mm)	15	20	N.A.
Enclosure		A	A	N.A.
Load Current (mA)		400	400	N.A.
Supply Voltage (V DC)		D6	D6	N.A.
Switching Frequency (Hz)		100	100	N.A.
Logic Available		NO, NC	NO, NC	N.A.
SW 4054/4154		AC/DC 2 WIRE		
Dimension :	Dia.	DV40 (Variable Sensing Head)	D50	N.A.
	Length (mm)	118 x 40 x 40	120 x 50 x 50	N.A.
Sensing Distance	Sn. (mm)	15	20	N.A.
Enclosure		A	A	N.A.
Load Current (mA)		400	400	N.A.
Supply Voltage (V AC/DC)		A6	A6	N.A.
Switching Frequency (Hz)		15	15	N.A.
Logic Available		NO, NC	NO, NC	N.A.
SW 4055/4155		AC 2 WIRE		
Dimension :	Dia.	DV40 (Variable Sensing Head)	D50	N.A.
	Length (mm)	118 x 40 x 40	120 x 50 x 50	N.A.
Sensing Distance	Sn. (mm)	15	20	N.A.
Enclosure		A	A	N.A.
Load Current (mA)		400	400	N.A.
Supply Voltage (V AC)		A1 to A5	A1 to A5	N.A.
Switching Frequency (Hz)		15	15	N.A.
Logic Available		NO, NC	NO, NC	N.A.

INDUCTIVE PROXIMITY SWITCHES



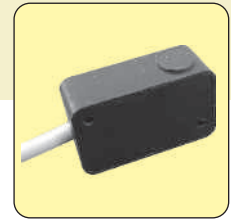
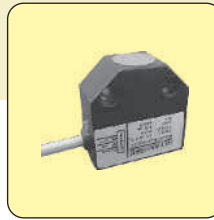
INDUCTIVE		G-3.5	G-5	G-10
SW 4051/4151		DC 3/4 WIRE		
Dimension :	Dia.	Gap 3.5	Gap 5	Gap 10
	Length (mm)	15 x 19	75 x 50 x 72	75 X 50 x 72
Sensing Distance	Sn. (mm)	3.5 mm	5 mm	10 mm
Enclosure		A	A	A
Load Current	(mA)	100	200	200
Supply Voltage	(V DC)	D1 to D6	D1 to D6	D1 to D8
Switching Frequency	(Hz)	100	200	200
Logic Available		PO, NO	PO, NO	PO, NO
SW 4052/4152		DC 2 WIRE NAMUR		
Dimension :	Dia.	Gap 3.5	Gap 5	Gap 10
	Length (mm)	15 x 19	75 x 50 x 72	75 X 50 x 72
Sensing Distance	Sn. (mm)	3.5 mm	5 mm	10 mm
Enclosure		A	A	A
Load Current	(mA)	3 to 5 mA	3 to 5 mA	3 to 5 mA
Supply Voltage	(V DC)	D4	D4	D4
Switching Frequency	(Hz)	100	200	200
Logic Available		NO, NC	NO, NC	NO, NC
SW 4053/4153		DC 2 WIRE		
Dimension :	Dia.	N.A.	N.A.	N.A.
	Length (mm)	N.A.	N.A.	N.A.
Sensing Distance	Sn. (mm)	N.A.	N.A.	N.A.
Enclosure		N.A.	N.A.	N.A.
Load Current	(mA)	N.A.	N.A.	N.A.
Supply Voltage	(V DC)	N.A.	N.A.	N.A.
Switching Frequency	(Hz)	N.A.	N.A.	N.A.
Logic Available		N.A.	N.A.	N.A.
SW 4054/4154		AC/DC 2 WIRE		
Dimension :	Dia.	N.A.	N.A.	N.A.
	Length (mm)	N.A.	N.A.	N.A.
Sensing Distance	Sn. (mm)	N.A.	N.A.	N.A.
Enclosure		N.A.	N.A.	N.A.
Load Current	(mA)	N.A.	N.A.	N.A.
Supply Voltage	(V AC/DC)	N.A.	N.A.	N.A.
Switching Frequency	(Hz)	N.A.	N.A.	N.A.
Logic Available		N.A.	N.A.	N.A.
SW 4055/4155		AC 2 WIRE		
Dimension :	Dia.	N.A.	Gap 5	Gap 10
	Length (mm)	N.A.	75 x 50 x 72	75 x 50 x 72
Sensing Distance	Sn. (mm)	N.A.	5 mm	10 mm
Enclosure		N.A.	A	A
Load Current	(mA)	N.A.	200	200
Supply Voltage	(V AC)	N.A.	A1 to A5	A1 to A5
Switching Frequency	(Hz)	N.A.	15	15
Logic Available		N.A.	PO, NO	PO, NO

INDUCTIVE PROXIMITY SWITCHES



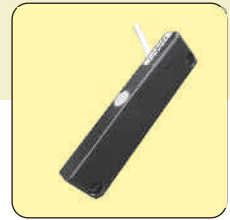
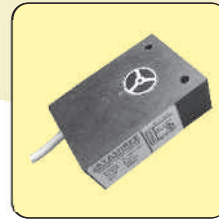
INDUCTIVE		G-15	H40*25*12	H50*25*10
SW 4051/4151		DC 3/4 WIRE		
Dimension :	Dia.	Gap 15	H402512	H5025
	Length (mm)	61 x 30 x 45	40 x 25 x 12	50 x 25 x 10
Sensing Distance	Sn. (mm)	15 mm	4	5
Enclosure		A	A	B
Load Current (mA)		200	200	200
Supply Voltage (V DC)		D1 to D8	D1 to D6	D1 to D6
Switching Frequency (Hz)		500	300	300
Logic Available		PO, NO	PO, PC, NO, NC	PO, PC, NO, NC
SW 4052/4152		DC 2 WIRE NAMUR		
Dimension :	Dia.	Gap 15	H402512	H5025
	Length (mm)	61 x 30 x 45	40 x 25 x 12	50 x 25 x 10
Sensing Distance	Sn. (mm)	15 mm	4	5
Enclosure		A	A	B
Load Current (mA)		3 to 5 mA	3 to 5 mA	3 to 5 mA
Supply Voltage (V DC)		D4	D4	D4
Switching Frequency (Hz)		500	300	300
Logic Available		NO, NC	NO, NC	NO, NC
SW 4053/4153		DC 2 WIRE		
Dimension :	Dia.	Gap 15	H402512	H5025
	Length (mm)	61 x 30 x 45	40 x 25 x 12	50 x 25 x 10
Sensing Distance	Sn. (mm)	15 mm	4	5
Enclosure		A	A	B
Load Current (mA)		200	200	200
Supply Voltage (V DC)		D6	D6	D6
Switching Frequency (Hz)		500	300	300
Logic Available		NO, NC	NO, NC	NO, NC
SW 4054/4154		AC/DC 2 WIRE		
Dimension :	Dia.	N.A.	N.A.	N.A.
	Length (mm)	N.A.	N.A.	N.A.
Sensing Distance	Sn. (mm)	N.A.	N.A.	N.A.
Enclosure		N.A.	N.A.	N.A.
Load Current (mA)		N.A.	N.A.	N.A.
Supply Voltage (V AC/DC)		N.A.	N.A.	N.A.
Switching Frequency (Hz)		N.A.	N.A.	N.A.?
Logic Available		N.A.	N.A.	N.A.
SW 4055/4155		AC 2 WIRE		
Dimension :	Dia.	N.A.	N.A.	N.A.
	Length (mm)	N.A.	N.A.	N.A.
Sensing Distance	Sn. (mm)	N.A.	N.A.	N.A.
Enclosure		N.A.	N.A.	N.A.
Load Current (mA)		N.A.	N.A.	N.A.
Supply Voltage (V AC)		N.A.	N.A.	N.A.
Switching Frequency (Hz)		N.A.	N.A.	N.A.?
Logic Available		N.A.	N.A.	N.A.

INDUCTIVE PROXIMITY SWITCHES



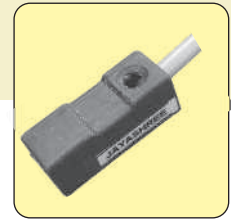
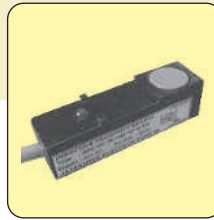
INDUCTIVE		H50*45*12	IN-10	H28*16*10
SW 4051/4151		DC 3/4 WIRE		
Dimension :	Dia.	H5022	IN10-4	H2816
	Length (mm)	50 x 45 x 22	120 x 102 x 86	28 x 16 x 10
Sensing Distance	Sn. (mm)	5	5	1.5
Enclosure		B	A+B	A
Load Current	(mA)	200	200	1000
Supply Voltage	(V DC)	D1 to D6	D1 to D8	D1 to D6
Switching Frequency	(Hz)	500	100	200
Logic Available		PO, PC, NO, NC, PDO, NDO	PO, PC, NO, NC, PDO, NDO	PO, PC, NO, NC
SW 4052/4152		DC 2 WIRE NAMUR		
Dimension :	Dia.	H5022	IN10-4	H2816
	Length (mm)	50 x 45 x 22	120 x 102 x 86	28 x 16 x 10
Sensing Distance	Sn. (mm)	5	5	1.5
Enclosure		B	A+B	A
Load Current	(mA)	3 to 5 mA	3 to 5 mA	3 to 5 mA
Supply Voltage	(V DC)	D4	D4	D4
Switching Frequency	(Hz)	500	100	200
Logic Available		NO, NC	NO, NC	PO, PC, NO, NC
SW 4053/4153		DC 2 WIRE		
Dimension :	Dia.	H5022	IN10-4	H2816
	Length (mm)	50 x 45 x 22	120 x 102 x 86	28 x 16 x 10
Sensing Distance	Sn. (mm)	5	5	1.5
Enclosure		B	A+B	A
Load Current	(mA)	200	200	1000
Supply Voltage	(V DC)	D6	D6	D6
Switching Frequency	(Hz)	500	100	200
Logic Available		NO, NC	NO, NC	NO, NC
SW 4054/4154		AC/DC 2 WIRE		
Dimension :	Dia.	N.A.	N.A.	N.A.
	Length (mm)	N.A.	N.A.	N.A.
Sensing Distance	Sn. (mm)	N.A.	N.A.	N.A.
Enclosure		N.A.	N.A.	N.A.
Load Current	(mA)	N.A.	N.A.	N.A.
Supply Voltage	(V AC/DC)	N.A.	N.A.	N.A.
Switching Frequency	(Hz)	N.A.	N.A.	N.A.
Logic Available		N.A.	N.A.	N.A.
SW 4055/4155		AC 2 WIRE		
Dimension :	Dia.	H5022	IN10-4	N.A.
	Length (mm)	50 X 45 X 22	120 x 102 x 86	N.A.
Sensing Distance	Sn. (mm)	5	5	N.A.
Enclosure		B	A+B	N.A.
Load Current	(mA)	200	200	N.A.
Supply Voltage	(V AC)	A1 to A5	A1 to A5	N.A.
Switching Frequency	(Hz)	15	15	N.A.
Logic Available		NO, NC	NO, NC	N.A.

INDUCTIVE PROXIMITY SWITCHES



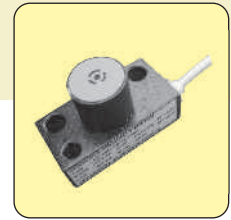
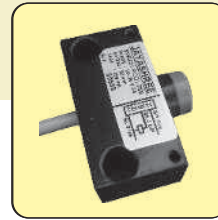
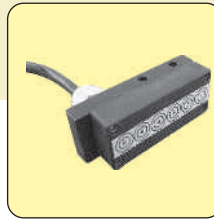
INDUCTIVE		H44*21*16	H54*37*14	H72*16*10
SW 4051/4151		DC 3/4 WIRE		
Dimension :	Dia.	H4421	H5437	H7216
	Length (mm)	44 x 21 x 16	54 x 37 x 14	72 x 16 x 10
Sensing Distance	Sn. (mm)	3	2.5	1.5
Enclosure		A	A	A
Load Current	(mA)	200	200	200
Supply Voltage	(V DC)	D1 to D6	D1 to D6	D1 to D6
Switching Frequency	(Hz)	1000	1000	1000
Logic Available		PO, PC, NO, NC	PO, PC, NO, NC, PDO, NDO	PO, PC, NO, NC
SW 4052/4152		DC 2 WIRE NAMUR		
Dimension :	Dia.	H4421	H5437	H7216
	Length (mm)	44 x 21 x 16	54 x 37 x 14	72 x 16 x 10
Sensing Distance	Sn. (mm)	3	2.5	1.5
Enclosure		A	A	A
Load Current	(mA)	3 to 5 mA	3 to 5 mA	3 to 5 mA
Supply Voltage	(V DC)	D4	D4	D4
Switching Frequency	(Hz)	1000	1000	1000
Logic Available		NO, NC	NO, NC	NO, NC
SW 4053/4153		DC 2 WIRE		
Dimension :	Dia.	H4421	H5437	H7216
	Length (mm)	44 x 21 x 16	54 x 37 x 14	72 x 16 x 10
Sensing Distance	Sn. (mm)	3	2.5	1.5
Enclosure		A	A	A
Load Current	(mA)	200	200	200
Supply Voltage	(V DC)	D6	D6	D6
Switching Frequency	(Hz)	1000	1000	1000
Logic Available		NO, NC	NO, NC	NO, NC
SW 4054/4154		AC/DC 2 WIRE		
Dimension :	Dia.	N.A.	N.A.	N.A.
	Length (mm)	N.A.	N.A.	N.A.
Sensing Distance	Sn. (mm)	N.A.	N.A.	N.A.
Enclosure		N.A.	N.A.	N.A.
Load Current	(mA)	N.A.	N.A.	N.A.
Supply Voltage	(V AC/DC)	N.A.	N.A.	N.A.
Switching Frequency	(Hz)	N.A.	N.A.	N.A.
Logic Available		N.A.	N.A.	N.A.
SW 4055/4155		AC 2 WIRE		
Dimension :	Dia.	N.A.	N.A.	N.A.
	Length (mm)	N.A.	N.A.	N.A.
Sensing Distance	Sn. (mm)	N.A.	N.A.	N.A.
Enclosure		N.A.	N.A.	N.A.
Load Current	(mA)	N.A.	N.A.	N.A.
Supply Voltage	(V AC)	N.A.	N.A.	N.A.
Switching Frequency	(Hz)	N.A.	N.A.	N.A.
Logic Available		N.A.	N.A.	N.A.

INDUCTIVE PROXIMITY SWITCHES



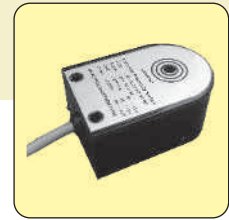
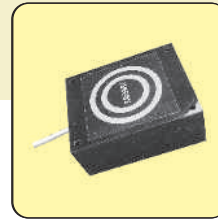
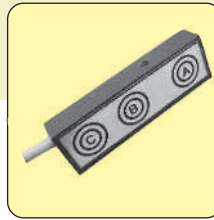
INDUCTIVE		H45*12*12	H55*35*15	H27*10*10
SW 4051/4151		DC 3/4 WIRE		
Dimension :	Dia.	H4512	H5515	H2710
	Length (mm)	45 x 12 x 12	55 x 35 x 15	27 x 10 x 10
Sensing Distance	Sn. (mm)	2.5	10	2
Enclosure		A	A	A
Load Current	(mA)	200	200	100
Supply Voltage	(V DC)	D1 to D6	D1 to D6	D1 to D6
Switching Frequency	(Hz)	1000	100	1000
Logic Available		PO, PC, NO, NC	PO, PC, NO, NC, PDO, NDO	PO, PC, NO, NC
SW 4052/4152		DC 2 WIRE NAMUR		
Dimension :	Dia.	H4512	H5515	H2710
	Length (mm)	45 x 12 x 12	55 x 35 x 15	27 x 10 x 10
Sensing Distance	Sn. (mm)	2.5	10	2
Enclosure		A	A	A
Load Current	(mA)	3 to 5 mA	3 to 5 mA	100
Supply Voltage	(V DC)	D4	D4	D4
Switching Frequency	(Hz)	1000	100	1000
Logic Available		NO, NC	NO, NC	NO, NC
SW 4053/4153		DC 2 WIRE		
Dimension :	Dia.	H4512	H5515	N.A.
	Length (mm)	45 x 12 x 12	55 x 35 x 15	N.A.
Sensing Distance	Sn. (mm)	2.5	10	N.A.
Enclosure		A	A	N.A.
Load Current	(mA)	200	200	N.A.
Supply Voltage	(V DC)	D6	D6	N.A.
Switching Frequency	(Hz)	1000	100	N.A.
Logic Available		NO, NC	NO, NC	N.A.
SW 4054/4154		AC/DC 2 WIRE		
Dimension :	Dia.	N.A.	N.A.	N.A.
	Length (mm)	N.A.	N.A.	N.A.
Sensing Distance	Sn. (mm)	N.A.	N.A.	N.A.
Enclosure		N.A.	N.A.	N.A.
Load Current	(mA)	N.A.	N.A.	N.A.
Supply Voltage	(V AC/DC)	N.A.	N.A.	N.A.
Switching Frequency	(Hz)	N.A.	N.A.	N.A.
Logic Available		N.A.	N.A.	N.A.
SW 4055/4155		AC 2 WIRE		
Dimension :	Dia.	N.A.	H5515	N.A.
	Length (mm)	N.A.	55 x 35 x 15	N.A.
Sensing Distance	Sn. (mm)	N.A.	10	N.A.
Enclosure		N.A.	A	N.A.
Load Current	(mA)	N.A.	200	N.A.
Supply Voltage	(V AC)	N.A.	A1 to A5	N.A.
Switching Frequency	(Hz)	N.A.	15	N.A.
Logic Available		N.A.	NO, NC	N.A.


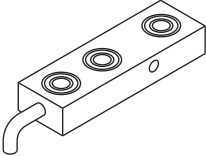
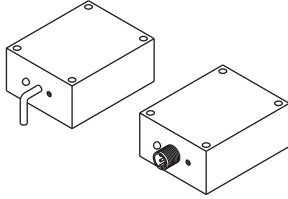
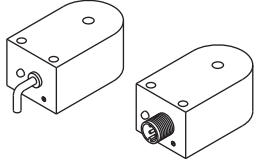
INDUCTIVE PROXIMITY SWITCHES



INDUCTIVE		H79*30	H38*55	H30*45
SW 4051/4151		DC 3/4 WIRE		
Dimension :	Dia.	N.A.	H3855	H3045
	Length (mm)	N.A.	38 x 55 x 16	30 x 45 x 22
Sensing Distance	Sn. (mm)	N.A.	5	5
Enclosure		N.A.	A	A
Load Current	(mA)	N.A.	200	200
Supply Voltage	(V DC)	N.A.	D1 to D6	D1 to D6
Switching Frequency	(Hz)	N.A.	500	500
Logic Available		N.A.	PO, PC, NO, NC	PO, PC, NO, NC
SW 4052/4152		DC 2 WIRE NAMUR		
Dimension :	Dia.	N.A.	H3855	H3045
	Length (mm)	N.A.	38 x 55 x 16	30 x 45 x 22
Sensing Distance	Sn. (mm)	N.A.	5	5
Enclosure		N.A.	A	A
Load Current	(mA)	N.A.	3 to 5 mA	3 to 5 mA
Supply Voltage	(V DC)	N.A.	D4	D4
Switching Frequency	(Hz)	N.A.	500	500
Logic Available		N.A.	NO, NC	NO, NC
SW 4053/4153		DC 2 WIRE		
Dimension :	Dia.	H7930	H3855	H3045
	Length (mm)	79 x 30 x 24	38 x 55 x 16	30 x 45 x 22
Sensing Distance	Sn. (mm)	2	5	5
Enclosure		A	A	A
Load Current	(mA)	400	200	200
Supply Voltage	(V DC)	D6	D6	D6
Switching Frequency	(Hz)	200	500	500
Logic Available		NO, NC	NO, NC	NO, NC
SW 4054/4154		AC/DC 2 WIRE		
Dimension :	Dia.	N.A.	N.A.	N.A.
	Length (mm)	N.A.	N.A.	N.A.
Sensing Distance	Sn. (mm)	N.A.	N.A.	N.A.
Enclosure		N.A.	N.A.	N.A.
Load Current	(mA)	N.A.	N.A.	N.A.
Supply Voltage	(V AC/DC)	N.A.	N.A.	N.A.
Switching Frequency	(Hz)	N.A.	N.A.	N.A.
Logic Available		N.A.	N.A.	N.A.
SW 4055/4155		AC 2 WIRE		
Dimension :	Dia.	N.A.	N.A.	N.A.
	Length (mm)	N.A.	N.A.	N.A.
Sensing Distance	Sn. (mm)	N.A.	N.A.	N.A.
Enclosure		N.A.	N.A.	N.A.
Load Current	(mA)	N.A.	N.A.	N.A.
Supply Voltage	(V AC)	N.A.	N.A.	N.A.
Switching Frequency	(Hz)	N.A.	N.A.	N.A.
Logic Available		N.A.	N.A.	N.A.

INDUCTIVE PROXIMITY SWITCHES



INDUCTIVE		H20*63	H100*80*45	R-6
				
SW 4051/4151		DC 3/4 WIRE		
Dimension :	Dia.	N.A.	H10080	R6
	Length (mm)	N.A.	100 x 80 x 45	61 x 37 x 30
Sensing Distance	Sn. (mm)	N.A.	50	6
Enclosure		N.A.	A	A
Load Current	(mA)	N.A.	300	200
Supply Voltage	(V DC)	N.A.	D1 to D6	D1 to D6
Switching Frequency	(Hz)	N.A.	200	100
Logic Available		N.A.	PO, PC, NO, NC, PDO, NDO	PO, PC, NO, NC
SW 4052/4152		DC 2 WIRE NAMUR		
Dimension :	Dia.	N.A.	H10080	R6
	Length (mm)	N.A.	100 x 80 x 45	61 x 37 x 30
Sensing Distance	Sn. (mm)	N.A.	50	6
Enclosure		N.A.	A	A
Load Current	(mA)	N.A.	3 to 5 mA	3 to 5 mA
Supply Voltage	(V DC)	N.A.	D4	D4
Switching Frequency	(Hz)	N.A.	200	200
Logic Available		N.A.	NO, NC	NO, NC
SW 4053/4153		DC 2 WIRE		
Dimension :	Dia.	H2063	H10080	R6
	Length (mm)	20 x 11 x 63	100 x 80 x 45	61 x 37 x 30
Sensing Distance	Sn. (mm)	5	50	6
Enclosure		A	A	A
Load Current	(mA)	200	300	400
Supply Voltage	(V DC)	D6	D6	D6
Switching Frequency	(Hz)	500	200	100
Logic Available		PO, PC, NO, NC	NO, NC	NO, NC
SW 4054/4154		AC/DC 2 WIRE		
Dimension :	Dia.	H2063	H10080	N.A.
	Length (mm)	20 x 11 x 63	100 x 80 x 45	N.A.
Sensing Distance	Sn. (mm)	5	50	N.A.
Enclosure		A	A	N.A.
Load Current	(mA)	200	300	N.A.
Supply Voltage	(V AC/DC)	A6	A6	N.A.
Switching Frequency	(Hz)	15	15	N.A.
Logic Available		PO, PC, NO, NC	NO, NC	N.A.
SW 4055/4155		AC 2 WIRE		
Dimension :	Dia.	N.A.	H10080	R6
	Length (mm)	N.A.	100 x 80 x 45	N.A.
Sensing Distance	Sn. (mm)	N.A.	50	N.A.
Enclosure		N.A.	A	N.A.
Load Current	(mA)	N.A.	300	N.A.
Supply Voltage	(V AC)	N.A.	A1 to A5	N.A.
Switching Frequency	(Hz)	N.A.	15	N.A.
Logic Available		N.A.	NO, NC	N.A.

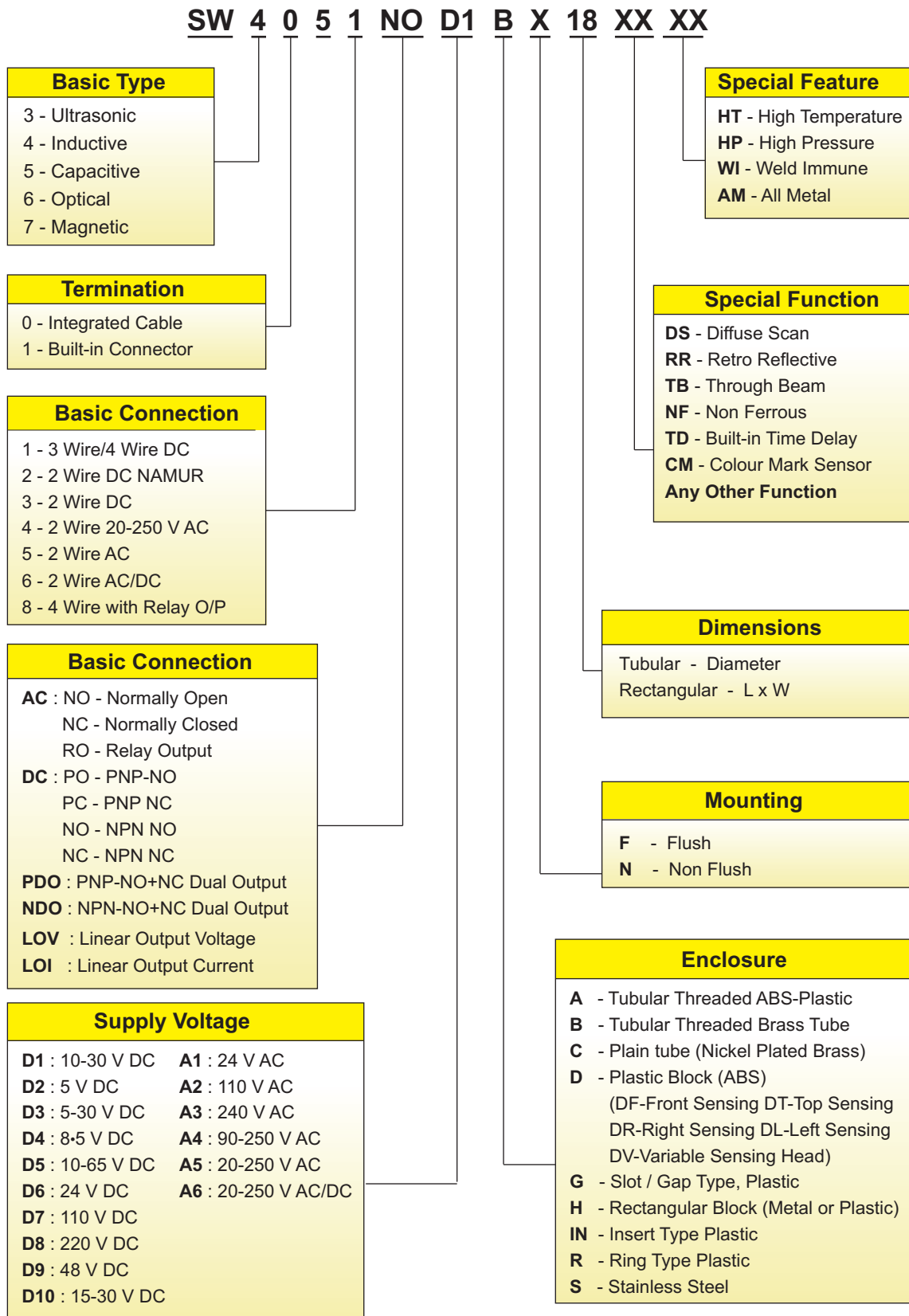
INDUCTIVE PROXIMITY SWITCHES



INDUCTIVE		R-10	R-22	R-30
SW 4051/4151		DC 3/4 WIRE		
Dimension :	Dia.	R 10	R 22	R 30
	Length (mm)	61 x 37 x 30	71 x 41 x 16	73 x 52 x 17
Sensing Distance	Sn. (mm)	10	20	30
Enclosure		A	A	A
Load Current	(mA)	200	200	200
Supply Voltage	(V DC)	D1 to D6	D1 to D6	D1 to D6
Switching Frequency	(Hz)	100	100	100
Logic Available		PO, PC, NO, NC	PO, PC, NO, NC	PO, PC, NO, NC
SW 4052/4152		DC 2 WIRE NAMUR		
Dimension :	Dia.	R 10	R 22	R 30
	Length (mm)	61 x 37 x 30	71 x 41 x 16	73 x 52 x 17
Sensing Distance	Sn. (mm)	10	20	30
Enclosure		A	A	A
Load Current	(mA)	3 to 5 mA	3 to 5 mA	3 to 5 mA
Supply Voltage	(V DC)	D4	D4	D4
Switching Frequency	(Hz)	100	100	100
Logic Available		NO, NC	NO, NC	NO, NC
SW 4053/4153		DC 2 WIRE		
Dimension :	Dia.	R 10	R 22	R 30
	Length (mm)	61 x 37 x 30	71 x 41 x 16	73 x 52 x 17
Sensing Distance	Sn. (mm)	10	20	30
Enclosure		A	A	A
Load Current	(mA)	200	200	200
Supply Voltage	(V DC)	D6	D6	D6
Switching Frequency	(Hz)	100	100	100
Logic Available		NO, NC	NO, NC	NO, NC
SW 4054/4154		AC/DC 2 WIRE		
Dimension :	Dia.	N.A.	N.A.	N.A.
	Length (mm)	N.A.	N.A.	N.A.
Sensing Distance	Sn. (mm)	N.A.	N.A.	N.A.
Enclosure		N.A.	N.A.	N.A.
Load Current	(mA)	N.A.	N.A.	N.A.
Supply Voltage	(V AC/DC)	N.A.	N.A.	N.A.
Switching Frequency	(Hz)	N.A.	N.A.	N.A.
Logic Available		N.A.	N.A.	N.A.
SW 4055/4155		AC 2 WIRE		
Dimension :	Dia.	R 10	N.A.	N.A.
	Length (mm)	61 x 37 x 30	N.A.	N.A.
Sensing Distance	Sn. (mm)	10	N.A.	N.A.
Enclosure		A	N.A.	N.A.
Load Current	(mA)	200	N.A.	N.A.
Supply Voltage	(V AC)	A1 to A5	N.A.	N.A.
Switching Frequency	(Hz)	15	N.A.	N.A.
Logic Available		PO, PC, NO, NC	N.A.	N.A.

SELECTION CHART

While selecting a switch please follow this nomenclature



The Sensing Distance, Load Current, Switch Length, Cable Length, Operating Temperature will be as per factory standard unless otherwise specifically mentioned.

Example : Inductive Proximity Switch of 3-Wire DC PNP tubular type with 24 mm diameter will have following type no. **SW 4051 PO D1 B24**