XS7J1A1PAL01M8

inductive sensor XS7 8x22x8 - PBT - Sn2.5mm - 12..24VDC - M8 0.15m

Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS7
Sensor design	Flat form 8 x 22 x 8
Size	8 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Discrete
Wiring technique	3-wire
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	PNP
Electrical connection	3 pins M8 remote male connector
Cable length	0.15 m
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	<= 100 mA DC with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Detection face	Frontal
Front material	PBT
Operating zone	0...2 mm
Differential travel	1...15% of Sr
Wire insulation material	PvR
Status LED	1 LED yellow for output state
Supply voltage limits	10...36 V DC
Switching frequency	<= 2000 Hz
Voltage drop	<= 2 V at closed state
Current consumption	<= 10 mA at no-load
Delay first up	5 ms
Delay response	0.1 ms
Delay recovery	0.1 ms
Marking	CE
Depth	8 mm
Height	22 mm
Width	8 mm
Product weight	0.04 kg

Environment

product certifications	C-Tick
ambient air temperature for operation	-25...70 °C

ambient air temperature for storage	-40...85 °C
vibration resistance	25 gn amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
shock resistance	50 gn for 11 ms conforming to IEC 60068-2-27

Offer Sustainability

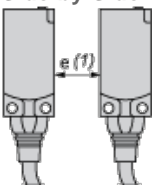| Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0903 - Schneider Electric declaration of conformity
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

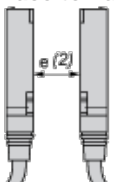## Dimensions
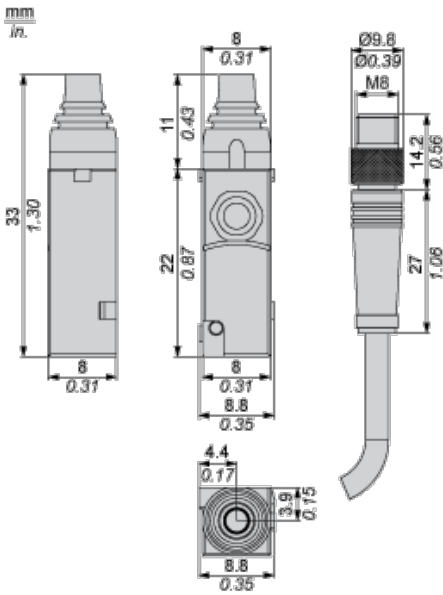
Setting-up

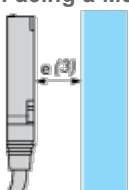**Minimum Mounting Distances (mm)**

Side by Side

e (1) 7.5
≥

Face to Face

e (2) 20
≥

Facing a Metal Object

e (3) 7.5
≥

Wiring Schemes

PNP

M8