Product data sheet
Characteristics

XS8E1A1MAL10

inductive sensor XS8 26x26x13 - PBT - Sn15mm - 24..240VAC/DC - cable 10m

Green Premium™ Product

Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS8
Sensor design	Flat form 26 x 26 x 13
Size	13 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	10 Mm flush mountable 15 mm non flush mountable
Discrete output function	1 NO
Output circuit type	AC/DC
Electrical connection	Cable
Cable length	10 m
[Us] rated supply voltage	24...240 V AC/DC 50/60 Hz
Switching capacity in mA	5...200 mA AC/DC
IP degree of protection	IP68 double insulation conforming to IEC 60529

Complementary

Detection face	Frontal
Front material	PBT
Fine adjustment zone	5…10 Mm flush mountable 5…15 mm non flush mountable
Differential travel	1...15% of Sr
Cable composition	2 x 0.34 mm²
Wire insulation material	PvR
Supply voltage limits	20…264 V AC/DC
Maximum residual current	1.5 mA open state
Switching frequency	<= 2000 Hz
Maximum voltage drop	<5.5 V (closed)
Current consumption	<= 10 mA no-load
Maximum delay first up	10 ms
Maximum delay response	0.3 ms
Maximum delay recovery	0.8 ms
Marking	CE
Depth	13 mm
Height	26 mm
Width	26 mm
Net weight	0.39 kg

Telemecanique Sensors

Environment

Product certifications	CSA UL CCC
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

Packing Units

Package 1 Weight	0.286 kg
Package 1 Height	0.670 dm
Package 1 width	0.960 dm
Package 1 Length	1.320 dm

Offer Sustainability

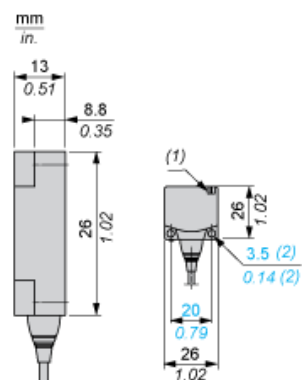|	
Sustainable offer status	Green Premium product
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months

Dimensions

(1)   LED
(2)   For CHC type screws

Setting-up

Minimum Mounting Distances (mm)

Side by Side

Face to Face

Facing a Metal Object

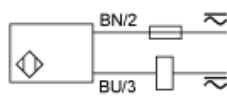|	e (1)	e (2)	e (3)
Flush mounted	40	80	10
Not flush mounted	150	300	

Wiring Schemes

2-Wire NO Output

BU : Blue
BN : Brown