XS7F1A1DAL2

inductive sensor XS7 15x32x8 - PBT - Sn5mm - 12..24VDC - cable 2m

Green Premium™ Product

Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS7
Sensor design	Flat form 15 x 32 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	2-wire
Discrete output function	1 NO
Output circuit type	DC
Electrical connection	cable
Cable length	2 m
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	1.5...100 mA DC with overload and short-circuit protection
IP degree of protection	IP68 conforming to IEC 60529

Complementary

Detection face	Frontal
Front material	PBT
Operating zone	0…4 mm
Differential travel	1...15% of Sr
Cable composition	2 x 0.34 mm²
Wire insulation material	PvR
Status LED	Output state: 1 LED (yellow)
Supply voltage limits	10…36 V DC
Maximum residual current	0.5 mA open state
Switching frequency	<= 5000 Hz
Maximum voltage drop	<4 V (closed)
Maximum delay first up	5 ms
Maximum delay response	5 ms
Maximum delay recovery	5 ms
Marking	CE
Depth	8 mm
Height	32 mm
Width	15 mm
Net weight	0.055 kg

Environment

Product certifications	CSA UL 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

Packing Units

|	
Package 1 Weight	0.078 kg
Package 1 Height	0.400 dm
Package 1 width	1.000 dm
Package 1 Length	1.300 dm

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
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

Telemecanique
Sensors
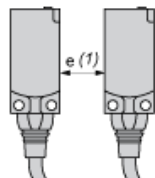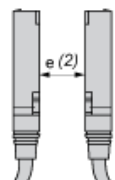
XS7F1A1DAL2

Dimensions

$\dfrac{mm}{in.}$
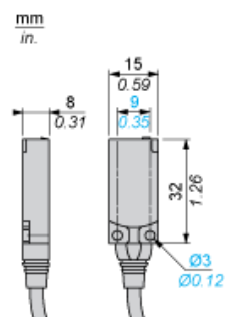
Setting-up

Minimum Mounting Distances (mm)

Side by Side

e (1) 15
≥

Face to Face

e (2) 40
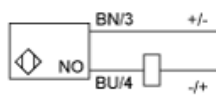≥

Facing a Metal Object

e (3) 15
≥

Telemecanique
Sensors
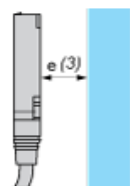
Wiring Schemes

2-Wire NO

BU : Blue
BN : Brown