XS3P18PA370L2

inductive sensor XS3 M18 - 12..48VDC - cable 10m

Green Premium™ Product

Product Life Status : END OF STANDARD SERVICE

TODAY
FEB 21, 2021

End of Commercialization
JAN 06, 2021

End of Standard Service
JAN 12, 2021

Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Wiring configuration	3-wire
Output circuit type	DC
Protection type	Short-circuit protection
Sensor name	XS3
Sensor design	Cylindrical M18
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Type of output signal	Discrete
Wiring technique	3-wire
Discrete output function	1 NO
Electrical connection	Cable
Cable length	10 m
[Us] rated supply voltage	12...48 V DC
Switching capacity in mA	5...200 mA DC with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Thread type	M18 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	PPS
Differential travel	1...15% of Sr
Cable composition	3 x 0.34 mm²
Wire insulation material	PvR
Supply voltage limits	20…264 V AC/DC
Maximum residual current	1.5 mA open state

Maximum voltage drop	<5.5 V (closed state)
Maximum delay first up	70 ms
Marking	CE

Environment

Product certifications	UL CSA 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 60068-2-7

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	500 g
Package 1 Height	13 cm
Package 1 width	6.6 cm
Package 1 Length	9.4 cm

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
Circularity Profile	End of Life Information

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Sensors