XS630B1NAL2

Inductive proximity sensors XS, inductive sensor XS6 M30, L62mm, brass, Sn15mm, 12...48 VDC, cable 2 m



Main

Range of Product	Telemecanique Inductive proximity sensors XS
Series name	General purpose
Sensor Type	Inductive proximity sensor
Device Application	Mobile equipment
Sensor name	XS6
Sensor design	Cylindrical M30
Size	62 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Type of output signal	Discrete
Wiring Technique	3-wire
[Sn] nominal sensing distance	0.59 in (15 mm)
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	NPN
Electrical connection	Cable
Cable length	6.56 ft (2 m)
[Us] rated supply voltage	1248 V DC reverse polarity protection
Switching capacity in mA	<= 200 mA DC overload and short-circuit protection
IP degree of protection	IP68 double insulation conforming to IEC 60529 IP69K conforming to DIN 40050

Complementary

Complementary	
Thread type	M30 x 1.5
Detection face	Frontal
Front material	PPS
Enclosure Material	Nickel Plated Brass
Sensing range	> 0.310.59 in (> 815 mm)
Operating zone	0.000.47 in (012 mm)
Differential travel	115% of Sr
Cable composition	3 x 0.34 mm²
Wire insulation material	PvR
Status LED	Output state 1 LED yellow)
Supply voltage limits	1058 V DC
Switching frequency	<= 500 Hz
Maximum voltage drop	<2 V closed)
Current consumption	<= 10 mA no-load
Maximum delay first up	10 ms
Maximum delay response	0.6 ms
Maximum delay recovery	1.4 ms
Marking	CE
Threaded length	2.05 in (52 mm)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.

This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.

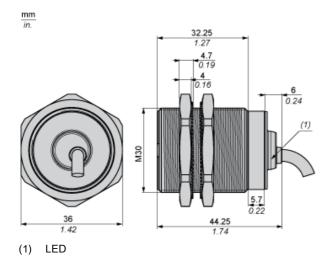
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Length	2.44 in (62 mm)
Net Weight	0.46 lb(US) (0.21 kg)
Not Weight	0.40 Ib(00) (0.21 Ng)
Environment	
Product Certifications	E2
	UL
	CSA
Ambient air temperature for operation	-13158 °F (-2570 °C)
Ambient Air Temperature for Storage	-40185 °F (-4085 °C)
Vibration resistance	25 gn +/- 2 mm 1055 Hz)IEC 60068-2-6
Shock resistance	50 gn 11 ms IEC 60068-2-27
Ordering and shipping details	
Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	3389110146622
Nbr. of units in pkg.	1
Package weight(Lbs)	13.58 oz (385 g)
Returnability	Yes
Country of origin	ID
Packing Units	
Unit Type of Package 1	PCE
Package 1 Height	1.77 in (4.5 cm)
Package 1 width	3.74 in (9.5 cm)
Package 1 Length	5.31 in (13.5 cm)
Unit Type of Package 2	S03
Number of Units in Package 2	44
Package 2 Weight	20.56 lb(US) (9.327 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Offer Sustainability	
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl
	phthalate (DINP), which is known to the State of California to cause cancer,
	and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to
	www.P65Warnings.ca.gov
REACh Regulation	[™] REACh Declaration
EU RoHS Directive	Dra cetive compliance (Draduct and of EU Dallo Local and a Part Dallo
	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	₽¥Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
Contractual warranty	
Warranty	18 months

Product data sheet Dimensions Drawings

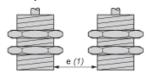
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Dimensions



Minimum Mounting Distances

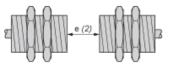
Side by side



e (1) 30 mm/1.18 in.

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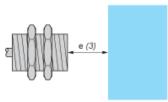
Face to face



e (2) 180 mm/7.09 in.

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Facing a metal object



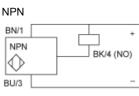
e (3) 45 mm/1.77 in.

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Product data sheet Connections and Schema

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Wiring Schemes



BU : Blue BN : Brown BK : Black