XS618B4MBU20

Inductive proximity sensors XS, inductive sensor XS6 M18, L72mm, brass, Sn12mm, 24...240VAC/DC, 1/2"

Main

Range of Product	Telemecanique Inductive proximity sensors XS
Series name	General purpose
Sensor Type	Inductive proximity sensor
Sensor name	XS6
Sensor design	Cylindrical M18
Size	72 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Metal
Type of output signal	Discrete
Wiring Technique	2-wire
[Sn] nominal sensing distance	0.47 in (12 mm)
Discrete output function	1 NC
Output circuit type	AC/DC
Electrical connection	Male connector 1/2"20 UNF, 3 pins
[Us] rated supply voltage	24...240 V AC/DC 50/60 Hz
Switching capacity in mA	5...200 mA DC 5...300 mA AC
IP degree of protection	IP67 conforming to IEC 60529 IP69K conforming to DIN 40050

Complementary

Thread type	M18 x 1
Detection face	Frontal
Front material	PPS
Enclosure Material	Nickel Plated Brass
Sensing range	> 0.31...0.59 in (> 8...15 mm)
Operating zone	0.00…0.38 in (0…9.6 mm)
Differential travel	1...15% of Sr
Status LED	Output state 1 LED yellow)
Supply voltage limits	20…264 V AC/DC
Maximum residual current	0.8 mA open state
Switching frequency	<= 1000 Hz DC <= 25 Hz AC
Maximum voltage drop	<5.5 V closed)
Maximum delay first up	30 ms
Maximum delay response	0.5 ms
Maximum delay recovery	0.5 ms
Marking	CE
Threaded length	1.73 in (44 mm)
Length	2.83 in (72 mm)

Environment

Product Certifications	UL CSA
Ambient Air Temperature for Operation	-13…158 °F (-25…70 °C)
Ambient Air Temperature for Storage	-40…185 °F (-40…85 °C)
Vibration resistance	25 gn +/- 2 mm 10…55 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	3389119014410
Nbr. of units in pkg.	1
Package weight(Lbs)	0.14 lb(US) (0.06 kg)
Returnability	No
Country of origin	FR

Packing Units

Package 1 Height	0.018 dm
Package 1 width	0.018 dm
Package 1 Length	0.720 dm

Offer Sustainability

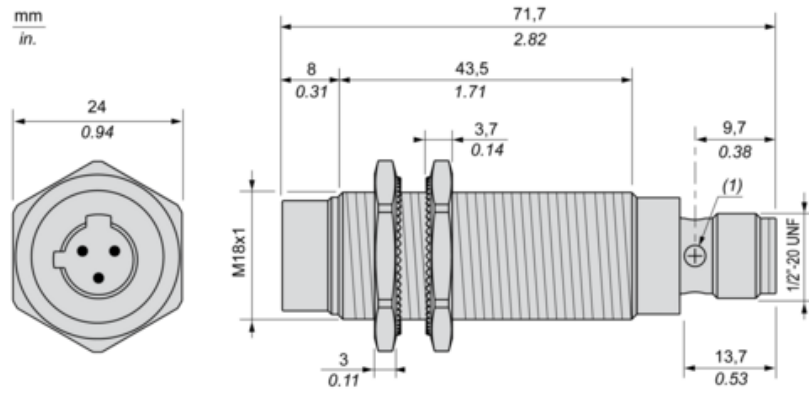|	
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
EU RoHS Directive	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

Contractual warranty

Warranty	18 months

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Dimensions

(1) : LED

Minimum Mounting Distances

Side by side

e (1) ≥ 72 mm/2.83 in.
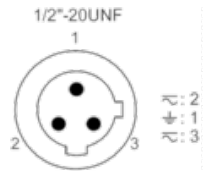
Face to face

e (2) ≥ 144 mm/5.67 in.

Facing a metal object
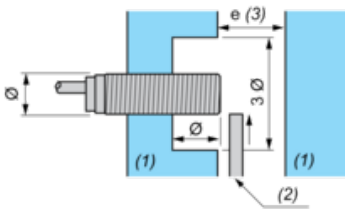
e (3) ≥ 36 mm/1.42 in

(1) Metal

(2) Object to be detected

Wiring Schemes

1/2"-20UNF

1 : Grounding

2 : AC

3 : AC

NC output