XS612B1MAU20

inductive sensor XS6 M12 - L61mm - brass - Sn4mm - 24..240VAC/DC - 1/2"

Green Premium™ Product

Main

Range of product	Telemecanique Inductive proximity sensors XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Sensor name	XS6
Sensor design	Cylindrical M12
Size	61 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	4 Mm
Discrete output function	1 NO
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 AC/DC
IP degree of protection	IP67 conforming to IEC 60529 IP69K conforming to DIN 40050

Complementary

Thread type	M12 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Sensing range	> 2.5...4 mm
Operating zone	0…3.2 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	20 Ms
Maximum delay response	0.5 Ms

Maximum delay recovery	0.2 Ms
Marking	CE
Threaded length	42 Mm
Length	61 Mm
Net weight	0.025 Kg

Environment

Product certifications	CSA UL
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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	42 G
Package 1 Height	4.5 Cm
Package 1 width	9.5 Cm
Package 1 Length	6.7 Cm
Unit Type of Package 2	S02
Number of Units in Package 2	44
Package 2 Weight	2.211 Kg
Package 2 Height	15 Cm
Package 2 width	30 Cm
Package 2 Length	40 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

Contractual warranty

Warranty	18 months

Schneider Electric

Dimensions

(1) : LED

XS612B1MAU20
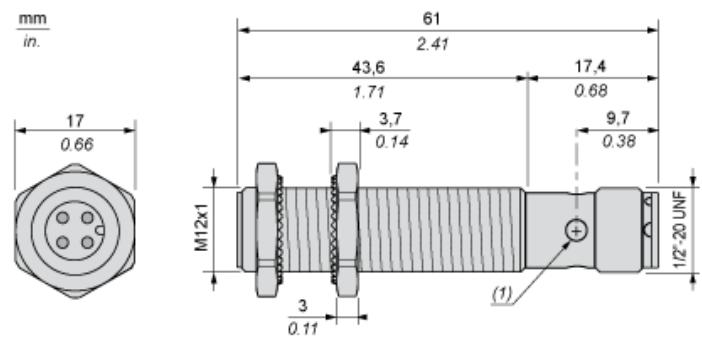
Minimum Mounting Distances

Side by side
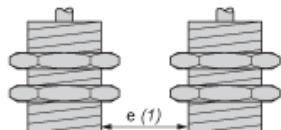
e (1) ≥8 mm/0.31 in.

Face to face
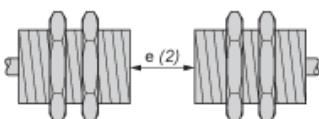
e (2) ≥48 mm/1.89 in.

Facing a metal object

e (3) ≥12 mm/0.47 in.

Schneider Electric

XS612B1MAU20
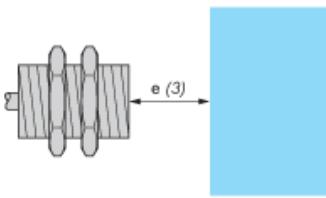
Wiring Schemes

1/2"-20UNF

1 :   Grounding
2 :   AC
3 :   AC
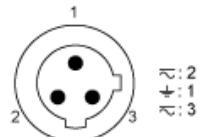
NO output
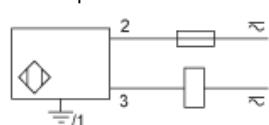
Product Life Status :	Commercialised