XS618B3DBM12

inductive sensor XS6 M18 - L50mm - brass - Sn8mm - 12..24VDC - M12





Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS6
Sensor design	Cylindrical M18
Size	50 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	8 mm
Discrete output function	1 NC
Output circuit type	DC
Electrical connection	Male connector M12 4 pins
[Us] rated supply voltage	1224 V DC with reverse polarity protection
Switching capacity in mA	<= 100 mA DC with overload and short-circuit protection
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	_
Operating zone	06.4 mm	
Differential travel	115% of Sr	
Status LED	1 LED (yellow) for output state	
Supply voltage limits	1036 V DC	
Switching frequency	<= 1000 Hz DC	
Voltage drop	<= 4 V, closed state	
Delay first up	<= 10 ms	
Delay response	<= 0.3 ms	
Delay recovery	<= 0.3 ms	
Marking	CE	
Threaded length	28 mm	
Length	50 mm	
Product weight	0.06 kg	

Environment

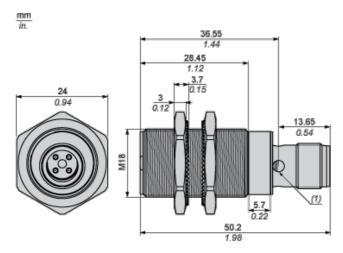
product certifications	CSA UL
ambient air temperature for operation	-2570 °C

ambient air temperature for storage	-4085 °C
vibration resistance	25 gn, amplitude: +/- 2 mm (f = 1055 Hz) conforming to IEC 60068-2-6
shock resistance	50 gn (duration = 11 ms) conforming to IEC 60068-2-27

Offer Sustainability

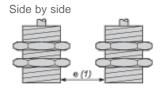
Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0936 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

Dimensions



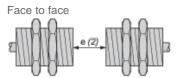
(1) LED

Minimum Mounting Distances



e (1) 16 mm/0.63 in.

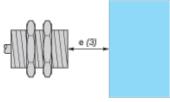
≥



e (2) 100 mm/3.94 in.

2

Facing a metal object



e (3) 25 mm/0.98 in

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Wiring Schemes



2-Wire Non-polarised

M12 connector





