

XS7C40DP210H7

inductive sensor XS7 40x40x117 - plastic -
Sn15mm - 12..48VDC - terminals



Main

Range of product	Telemecanique Inductive proximity sensors XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS7
Sensor design	Form 40 x 40 x 117
Size	117 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Enclosure material	Plastic
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	15 mm
Discrete output function	1 NO or 1 NC programmable
Output circuit type	DC
Electrical connection	Screw-clamp terminals, 2 x 1.5 mm ²
[Us] rated supply voltage	12...48 V DC with reverse polarity protection
Switching capacity in mA	1.5...100 mA with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Detection face	5 positions turret head
Front material	Plastic
Operating zone	0...12 mm
Differential travel	3...20% of Sr
Repeat accuracy	<= 3% of Sr
Cable entry number	1 tapped entry for 1/2" NPT cable gland
Status LED	Output state: 1 LED (yellow)
Supply voltage limits	10...58 V DC
Maximum residual current	0.5 mA open state
Switching frequency	<= 1500 Hz
Maximum voltage drop	<4 V (closed)
Maximum delay first up	5 ms
Maximum delay response	2 ms
Maximum delay recovery	5 ms
Marking	CE
Height	40 mm
Length	40 mm
Width	117 mm

Environment

Product certifications	CSA[RETURN]CCC[RETURN]C-Tick[RETURN]UL
Ambient air temperature for operation	-25...70 °C

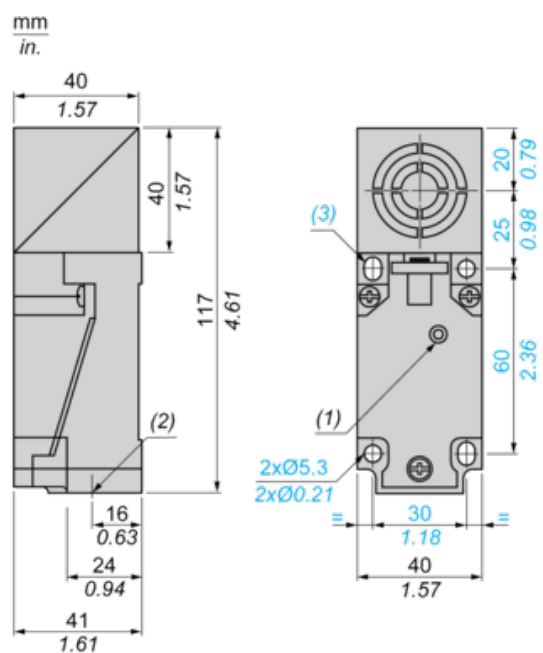
Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Contractual warranty

Warranty	18 months
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Dimensions

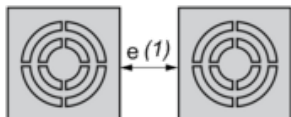


- (1) Output LED
- (2) 1 tapped entry for 1/2" NPT
- (3) 2 elongated holes Ø 5.3 x 7

Setting-up

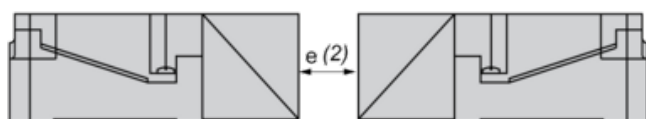
Minimum Mounting Distances (mm)

Side by Side



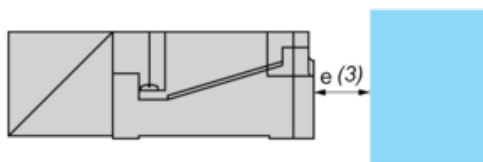
$$e(1) \geq 40$$

Face to Face



$$e(2) \geq 120$$

Facing a Metal Object



$$e(3) \geq 45$$

Wiring Schemes

2-Wire DC (Non Polarised)

