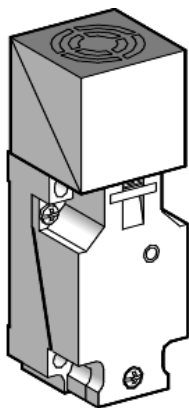


Product data sheet

Specifications



inductive sensor XS8 40x40x117 - plastic - Sn20mm - 24..240VAC - terminals

XS8C40FP260

❗ Discontinued on: 16 September 2021

❗ Discontinued

Main

Range of product	Telemecanique Inductive proximity sensors XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS8
Sensor design	Form 40 x 40 x 117
Size	117 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Enclosure material	Plastic
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	20 mm
Discrete output function	1 NO or 1 NC programmable
Output circuit type	AC
Electrical connection	Screw-clamp terminals, 2 x 1.5 mm ²
[Us] rated supply voltage	24...240 V AC 50/60 Hz
Switching capacity in mA	5...500 mA
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Detection face	5 positions turret head
Front material	Plastic
Operating zone	0...16 mm
Differential travel	3...20% of Sr
Repeat accuracy	<= 3% of Sr

Status LED	Output state: 1 LED (yellow)
Supply voltage limits	20...264 V AC
Maximum residual current	1.5 mA open state
Switching frequency	<= 25 Hz
Maximum voltage drop	<5.5 V (closed)
Maximum delay first up	120 ms
Maximum delay response	30 ms
Maximum delay recovery	20 ms
Marking	CE
Height	40 mm
Length	40 mm
Width	117 mm

Environment

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

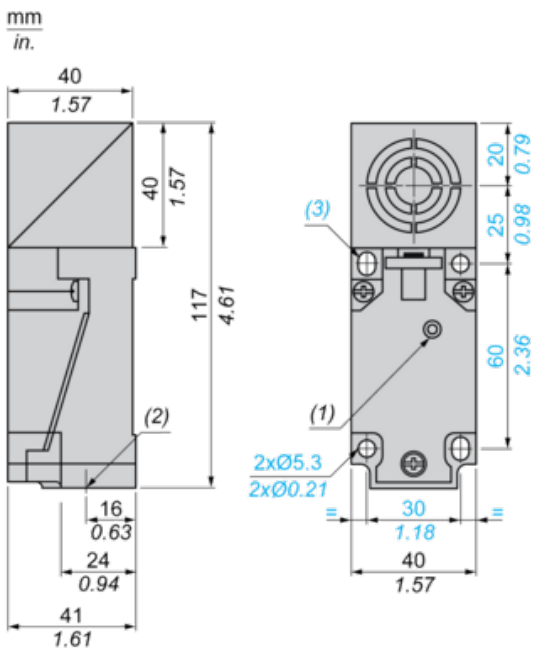
Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.5 cm
Package 1 Width	4.7 cm
Package 1 Length	14 cm
Package 1 Weight	243 g

Contractual warranty

Warranty	18 months
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Dimensions

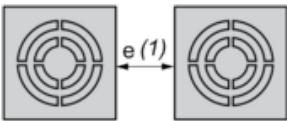


- (1) Output LED
- (2) 1 tapped entry for Pg 13.5 cable gland
- (3) 2 elongated holes Ø 5.3 x 7

Setting-up

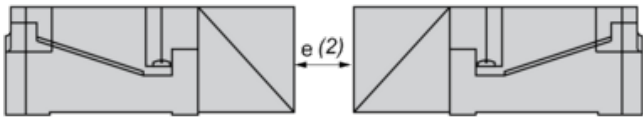
Minimum Mounting Distances (mm)

Side by Side



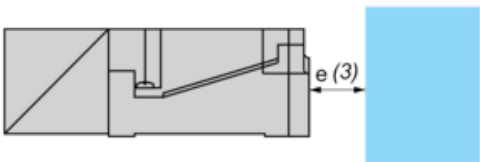
$e\ (1) \geq 80$

Face to Face



$e\ (2) \geq 160$

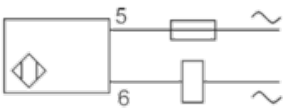
Facing a Metal Object



$e\ (3) \geq 60$


Wiring Schemes

2-Wire AC Programmable, NO or NC Output Depending on Position of Link



Recommended replacement(s)

XS8C40FP260 is replaced by:

1x		Inductive proximity sensors XS, inductive sensor XS8 40x40x117, PBT, Sn20 mm, 24...240VAC/DC, terminals XS8C4A1MPG13
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