XS7C40MP230

inductive sensor XS7 40x40x117 - plastic - Sn15mm - 24..240VAC/DC - terminals

Discontinued

Commercial status

Discontinued on: 30 June 2014

End-of-service on: 30 September 2014

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	AC/DC
Electrical connection	Screw-clamp terminals, 2 x 1.5 mm²
[Us] rated supply voltage	24...240 V AC 50/60 Hz 24...210 V DC
Switching capacity in mA	5...200 mA DC 5...300 mA AC
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
Status LED	Output state: 1 LED (yellow)
Supply voltage limits	20…264 V AC/DC

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Maximum residual current	0.8 mA open state 24 V 1.5 mA open state 120 V
Switching frequency	<= 25 Hz AC <= 50 Hz DC
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
Net weight	0.22 kg

Environment

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

Packing Units

Package 1 Weight	0.244 kg
Package 1 Height	0.480 dm
Package 1 width	1.450 dm
Package 1 Length	0.480 dm

Contractual warranty

Warranty	18 months

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XS7C40MP230

Dimensions
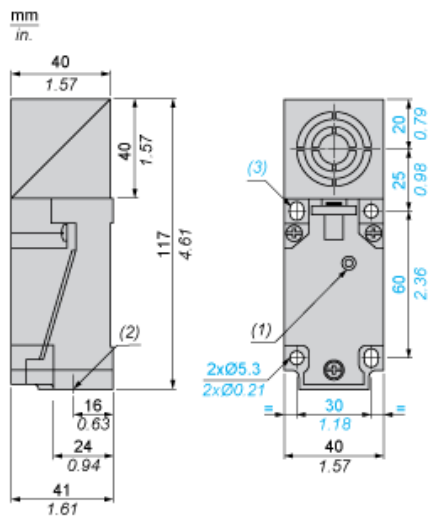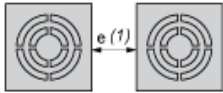

(1)   Output LED
(2)   1 tapped entry for Pg 13.5 cable gland
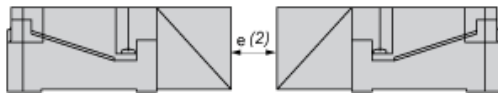(3)   2 elongated holes Ø 5.3 x 7

Setting-up
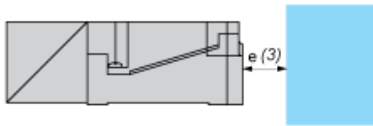
Minimum Mounting Distances (mm)

Side by Side

e (1) ≥   40
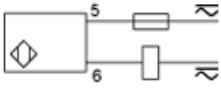
Face to Face

e (2) ≥   120

Facing a Metal Object

e (3) ≥   45

Wiring Schemes

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

XS7C40MP230 is replaced by:

Inductive sensors XS XS7C4A1MPG13

Inductive proximity sensors XS, inductive sensor XS7 40x40x117, PBT, Sn15 mm, 24...240VAC/DC, terminals

Qty 1