

# Product datasheet

Specifications



## inductive sensor XS8 40x40x117 - plastic - Sn20mm - 12..48VDC - terminals

XS8C40PC440

! Discontinued on: 30 June 2014

! End-of-service on: 30 September 2014

! 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	4-wire
[Sn] nominal sensing distance	20 mm
Discrete output function	1 NO or 1 NC programmable
Output circuit type	DC
Discrete output type	PNP
Electrical connection	Screw-clamp terminals, 4 x 1.5 mm <sup>2</sup>
[Us] rated supply voltage	12...48 V DC with reverse polarity protection
Switching capacity in mA	<= 200 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...16 mm
Differential travel	3...20% of Sr

<b>Repeat accuracy</b>	<= 3% of Sr
<b>Status LED</b>	Supply on: 1 LED (green) Output state: 1 LED (yellow)
<b>Supply voltage limits</b>	10...58 V DC
<b>Switching frequency</b>	<= 1000 Hz
<b>Maximum voltage drop</b>	<2 V (closed)
<b>Current consumption</b>	0...10 mA no-load
<b>Maximum delay first up</b>	5 ms
<b>Maximum delay response</b>	0.3 ms
<b>Maximum delay recovery</b>	0.7 ms
<b>Marking</b>	CE
<b>Height</b>	40 mm
<b>Length</b>	40 mm
<b>Width</b>	117 mm

## Environment

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

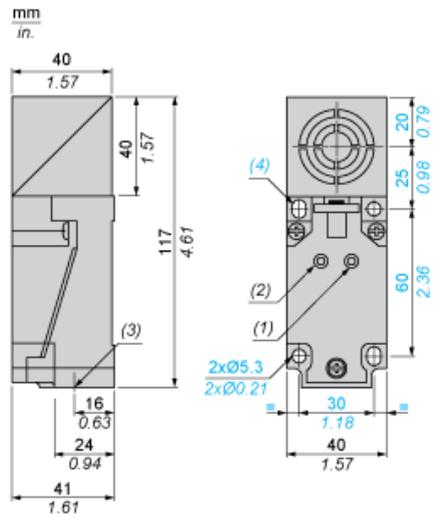
## Packing Units

<b>Package 1 Weight</b>	0.251 kg
<b>Package 1 Height</b>	0.470 dm
<b>Package 1 width</b>	0.470 dm
<b>Package 1 Length</b>	1.430 dm

## Contractual warranty

<b>Warranty</b>	18 months
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Dimensions



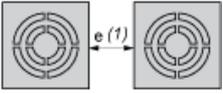
- (1) Output LED
- (2) Supply LED
- (3) 1 tapped entry for Pg 13.5 cable gland
- (4) 2 elongated holes  $\text{Ø} 5.3 \times 7$

**Setting-up**

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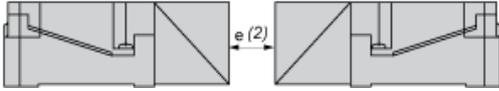
**Minimum Mounting Distances (mm)**

**Side by Side**



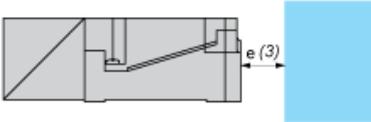
$e (1) \geq 80$

**Face to Face**



$e (2) \geq 160$

**Facing a Metal Object**

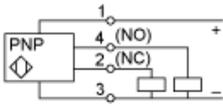


$e (3) \geq 60$

**Wiring Schemes**

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**4-Wire DC**



**Recommended replacement(s)**

XS8C40PC440 may be replaced by any of the following products:

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1x  inductive sensor XS8 40x40x117 - PBT - Sn20 mm - 12..48VDC - terminals  
XS8C4A1PCP20

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1x  inductive sensor XS8 40x40x117 - PBT - Sn20 mm - 12..48VDC - terminals  
XS8C4A1PCG13

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