## XS618B1PBL10

inductive sensor XS6 M18 - L62mm - brass - Sn8mm - 12..48VDC - cable 10m





## Main

Range of product OsiSense XS  Series name General purpose  Sensor type Inductive proximity sensor  Product specific application  Sensor name XS6  Sensor design Cylindrical M18  Size 62 mm  Body type Fixed  Detector flush mounting acceptance  Material Metal  Type of output signal Discrete  Wiring technique 3-wire  [Sn] nominal sensing distance  Discrete output function 1 NC  Output circuit type DC  Discrete output type PNP  Electrical connection Cable  Cable length 10 m  [Us] rated supply voltage  Switching capacity in mA  Elegrate of protection IP69 K conforming to DIN 40050 IP68 double insulation conforming to IEC 60529	Commercial Status	Commercialised
Sensor type Inductive proximity sensor  Product specific application  Sensor name XS6  Sensor design Cylindrical M18  Size 62 mm  Body type Fixed  Detector flush mounting acceptance  Material Metal  Type of output signal Discrete  Wiring technique 3-wire  [Sn] nominal sensing distance  Discrete output function 1 NC  Output circuit type DC  Discrete output type PNP  Electrical connection Cable  Cable length 10 m  [Us] rated supply voltage  Switching capacity in mA  IP degree of protection IP69 K conforming to DIN 40050	Range of product	OsiSense XS
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cation  Sensor name XS6  Sensor design Cylindrical M18  Size 62 mm  Body type Fixed  Detector flush mounting acceptance  Material Metal  Type of output signal Discrete  Wiring technique 3-wire  [Sn] nominal sensing distance  Discrete output function 1 NC  Output circuit type DC  Discrete output type PNP  Electrical connection Cable  Cable length 10 m  [Us] rated supply voltage  Switching capacity in mA  IP degree of protection IP69 K conforming to DIN 40050	Sensor type	Inductive proximity sensor
Sensor design Cylindrical M18 Size 62 mm  Body type Fixed Detector flush mounting acceptance Material Type of output signal Wiring technique 3-wire [Sn] nominal sensing distance Discrete output function Discrete output type DC Discrete output type PNP Electrical connection Cable Cable length 10 m  [Us] rated supply voltage Switching capacity in mA  IP degree of protection  Cylindrical M18  August 18  Fixed  Flush mountable  Flush mountable  August 19  Flush mountable  Augus		-
Size 62 mm  Body type Fixed  Detector flush mounting acceptance  Material Metal  Type of output signal Discrete  Wiring technique 3-wire  [Sn] nominal sensing distance  Discrete output function 1 NC  Output circuit type DC  Discrete output type PNP  Electrical connection Cable  Cable length 10 m  [Us] rated supply voltage  Switching capacity in mA  Electrical connection IP69 K conforming to DIN 40050	Sensor name	XS6
Body type Fixed  Detector flush mounting acceptance  Material Metal  Type of output signal Discrete  Wiring technique 3-wire  [Sn] nominal sensing distance  Discrete output function 1 NC  Output circuit type DC  Discrete output type PNP  Electrical connection Cable  Cable length 10 m  [Us] rated supply voltage  Switching capacity in mA  IP degree of protection IP69 K conforming to DIN 40050	Sensor design	Cylindrical M18
Detector flush mounting acceptance  Material Metal  Type of output signal Discrete  Wiring technique 3-wire  [Sn] nominal sensing distance  Discrete output function 1 NC  Output circuit type DC  Discrete output type PNP  Electrical connection Cable  Cable length 10 m  [Us] rated supply voltage  Switching capacity in mA  Electrical conforming to DIN 40050  Electrical connection Cable Capte Capt	Size	62 mm
acceptance  Material Metal  Type of output signal Discrete  Wiring technique 3-wire  [Sn] nominal sensing distance  Discrete output function 1 NC  Output circuit type DC  Discrete output type PNP  Electrical connection Cable  Cable length 10 m  [Us] rated supply voltage  Switching capacity in mA  IP degree of protection IP69 K conforming to DIN 40050	Body type	Fixed
Type of output signal  Discrete  Wiring technique  3-wire  [Sn] nominal sensing distance  Discrete output function  1 NC  Output circuit type  DC  Discrete output type  PNP  Electrical connection  Cable  Cable length  10 m  [Us] rated supply voltage  Switching capacity in mA  Electrical connection  Cable  Cable  1248 V DC with reverse polarity protection  Switching capacity in mA  Telephone  Cable  Cable  Cable  Cable  Cable  Cable  1248 V DC with reverse polarity protection  Cable  Cable  Cable  Cable length  10 m  [Us] rated supply voltage  Switching capacity in mA  Cable  Ca	•	Flush mountable
Wiring technique  [Sn] nominal sensing distance  Discrete output function  1 NC  Output circuit type  DC  Discrete output type  PNP  Electrical connection  Cable  Cable length  10 m  [Us] rated supply voltage  Switching capacity in mA  Electrical connection  Cable  1248 V DC with reverse polarity protection  sequence with a polarity protection  The degree of protection  IP 69 K conforming to DIN 40050	Material	Metal
[Sn] nominal sensing distance  Discrete output function 1 NC  Output circuit type DC  Discrete output type PNP  Electrical connection Cable  Cable length 10 m  [Us] rated supply voltage  Switching capacity in mA	Type of output signal	Discrete
distance  Discrete output function 1 NC  Output circuit type DC  Discrete output type PNP  Electrical connection Cable  Cable length 10 m  [Us] rated supply voltage  Switching capacity in mA	Wiring technique	3-wire
Output circuit type DC  Discrete output type PNP  Electrical connection Cable  Cable length 10 m  [Us] rated supply voltage  Switching capacity in mA		8 mm
Discrete output type PNP  Electrical connection Cable  Cable length 10 m  [Us] rated supply voltage  Switching capacity in mA <= 200 mA DC with overload and short-circuit protection  IP degree of protection IP69 K conforming to DIN 40050	Discrete output function	1 NC
Electrical connection  Cable  Cable length  10 m  [Us] rated supply voltage  Switching capacity in mA  Electrical connection  Cable  1248 V DC with reverse polarity protection  which is a contraction supply voltage and short-circuit protection    Cable	Output circuit type	DC
Cable length 10 m  [Us] rated supply voltage 1248 V DC with reverse polarity protection  Switching capacity in K = 200 mA DC with overload and short-circuit protection  IP degree of protection IP69 K conforming to DIN 40050	Discrete output type	PNP
[Us] rated supply voltage  Switching capacity in mA  IP degree of protection  1248 V DC with reverse polarity protection  4= 200 mA DC with overload and short-circuit protection  IP69 K conforming to DIN 40050	Electrical connection	Cable
age Switching capacity in MA	Cable length	10 m
mA tection  IP degree of protection IP69 K conforming to DIN 40050		1248 V DC with reverse polarity protection
	. ,	
	IP degree of protection	

## Complementary

Complementary	
ISO thread	M18 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Operating zone	06.4 mm
Differential travel	115% of Sr
Cable composition	3 x 0.34 mm²
Wire insulation material	PvR
Status LED	1 LED (yellow) for output state
Supply voltage limits	1058 V DC
Switching frequency	<= 1000 Hz
Voltage drop	<= 2 V, closed state
Current consumption	<= 10 mA (no-load)
Delay first up	<= 10 ms
Delay response	<= 0.3 ms
Delay recovery	<= 0.7 ms
Marking	CE

Threaded length	52 mm
Length	62 mm
Product weight	0.44 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	Compliant - since 0838 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold

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Available Download End Of Life Manual

Product environmental profile

Product end of life instructions