



### Main

Range of product	Telemecanique Inductive proximity sensors XS
Series name	Application
Product or component type	Sensor
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XSA
Sensor design	Cylindrical M18
Size	81 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Enclosure material	Nickel plated brass
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	10 mm
Discrete output function	1 NC
Output circuit type	DC
Discrete output type	Namur
Electrical connection	Cable
Cable length	2 m
[Us] rated supply voltage	7 V DC
IP degree of protection	IP67 conforming to IEC 60529

### Complementary

Thread type	M18 x 1
Detection face	Frontal
Front material	PPS
Sensing range	> 8...15 mm
Operating zone	0...1.5 mm
Differential travel	3...15% of Fr
Repeat accuracy	3% of Sr
Wire insulation material	PvR
Status LED	Output state: 1 LED (red)
Supply voltage limits	7...12 V DC
Switching frequency	<= 1500 Hz
Maximum voltage drop	<1.8 V (closed)
Run-up delay at power-up	0 s without
Marking	CE
Threaded length	24 mm
Length	24 mm
Net weight	0.05 kg


## Environment

Product certifications	CCC CSA
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...80 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	69 g
Package 1 Height	4.1 cm
Package 1 width	9.5 cm
Package 1 Length	13 cm
Unit Type of Package 2	S01
Number of Units in Package 2	11
Package 2 Weight	950 g
Package 2 Height	15 cm
Package 2 width	15 cm
Package 2 Length	40 cm

## Offer Sustainability

REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Not applicable, out of EU RoHS legal scope