

Product Datasheet

Characteristic

XS518BLPAM12

inductive sensor XS5 M18 - L74mm -
brass - Sn5mm - 12..48VDC - M12



Main

range of product	OsiSense XS
series name	General purpose
sensor type	Inductive proximity sensor
device application	-
sensor name	XS5
sensor design	Cylindrical M18
size	74 mm
body type	Fixed
detector flush mounting acceptance	Flush mountable
material	Metal
type of output signal	Discrete
wiring technique	3-wire
[Sn] nominal sensing distance	0.2 in (5 mm)
discrete output function	1 NO
output circuit type	DC
discrete output type	PNP
electrical connection	Male connector M12 4 pins
[Us] rated supply voltage	12...48 V DC with reverse polarity protection
switching capacity in mA	<= 200 mA DC with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529 IP69K conforming to DIN 40050

Complementary

thread type	M18 x 1
detection face	Frontal
front material	PPS
enclosure material	Nickel plated brass
operating zone	0...0.16 in (0...4 mm)
differential travel	1...15% of Sr
status LED	1 LED (yellow) output state
supply voltage limits	10...58 V DC

switching frequency	<= 2000 Hz
voltage drop	<= 2 V, closed state
current consumption	<= 10 mA (no-load)
delay first up	<= 10 ms
delay response	<= 0.15 ms
delay recovery	<= 0.35 ms
marking	CE
threaded length	2.05 in (52 mm)
height	0.71 in (18 mm)
length	2.91 in (74 mm)

Environment

product certifications	CSA UL
ambient air temperature for operation	-13...158 °F (-25...70 °C)
ambient air temperature for storage	-40...185 °F (-40...85 °C)
vibration resistance	25 gn, amplitude: +/- 2 mm (f = 10...55 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 (date code: YYWW)	Compliant - since 1004 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available