Product data sheet
Characteristics

XSAV31373
inductive sensor XSAV - M30 - Sn10mm - 6..150c/mn - 12..48VDC - cable 2m

Green Premium™ Product

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Commercial Status	Commercialised
Range of product	OsiSense XS
Series name	Application
Sensor type	Inductive proximity sensor
Product specific application	Rotation monitoring
Sensor name	XSA
Sensor design	Cylindrical M30
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	3-wire
[Sn] nominal sensing distance	0.39 in (10 mm)
Discrete output function	1 NC
Output circuit type	DC
Discrete output type	PNP
Electrical connection	Cable
Cable length	6.56 ft (2 m)
[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

ISO thread	M30 x 1.5
Detection face	Frontal
Front material	PPS
Adjustable frequency range	6...150 cyc/mn
Operating zone	0...0.31 in (0...8 mm)
Differential travel	3...15% of Fr
Repeat accuracy	3% of Sr
Cable composition	3 x 0.34 mm²
Wire insulation material	PvR
Status LED	1 LED red for output state
Supply voltage limits	10...58 V DC
Switching frequency	<= 100 Hz
Voltage drop	<= 1.8 V at closed state
Current consumption	0...15 mA at no-load
Run up delay at power up	3 s reduce
Marking	CE

Threaded length	2.24 in (57 mm)
Height	1.18 in (30 mm)
Length	3.19 in (81 mm)
Product weight	0.66 lb(US) (0.3 kg)

Environment

Product certifications	CCC CSA UL
Ambient air temperature for operation	-13...158 °F (-25...70 °C)

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901100447
Nbr. of units in pkg.	1
Package weight(Lbs)	0.53
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	FR

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 1136 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Available Download End Of Life Manual

Contractual warranty

Period	18 months

Schneider Electric

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schneider Electric]():

  [XSAV31373]()