Product data sheet Characteristics

XSAV32801L05

inductive sensor XSAV - M30 - Sn10mm - 120..3000c/mn - 24..240VAC/DC - cable 5m





Main

		0
Range of product	OsiSense XS	
Series name	Application	_{5
Sensor type	Inductive proximity sensor	_ 5
Device application	Rotation monitoring	_ t
Sensor name	XSA	
Sensor design	Cylindrical M30	— cilor
Size	81 mm	_ ;
Body type	Fixed	— :i
Detector flush mounting acceptance	Flush mountable	- 0
Material	Metal	
Enclosure material	Nickel plated brass	_ 5
Type of output signal	Discrete	_ <u></u> ;
Wiring technique	2-wire	— <u>:</u>
[Sn] nominal sensing distance	10 mm	_;
Discrete output function	1 NC	و.
Output circuit type	AC/DC	
Electrical connection	Cable	
Cable length	5 m	— eubetitute
[Us] rated supply voltage	24240 V AC 50/60 Hz 24210 V DC	_ 00
Switching capacity in mA	5200 mA DC 5350 mA AC	— — — — — — — — — — — — — — — — — — —
IP degree of protection	IP67 conforming to IEC 60529	<u>.</u>
		5

Complementary

Complementary	č	
Thread type	M30 x 1.5	E
Detection face	Frontal	
Front material	PPS	

Adjustable frequency range	1203000 cyc/mn
Operating zone	08 mm
Differential travel	315% of Fr
Repeat accuracy	3% of Sr
Cable composition	2 x 0.34 mm²
Wire insulation material	PvR
Status LED	1 LED red for output state
Supply voltage limits	20264 V AC/DC
Residual current	<= 1.5 mA for open state
Switching frequency	<= 800 Hz
Voltage drop	<= 5.7 V at closed state
Run-up delay at power-up	3 s reduce
Marking	CE
Threaded length	57 mm
Height	30 mm
Length	81 mm
Product weight	0.3 kg

Environment

Product certifications	CCC CSA UL
Ambient air temperature for operation	-2570 °C

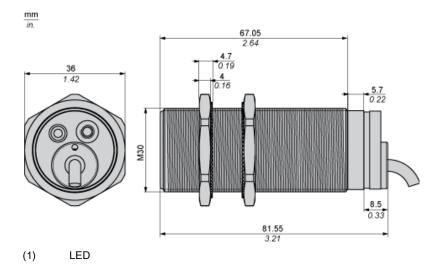
Offer Sustainability

Sustainable offer status	Green Premium product	
RoHS (date code: YYWW)	Compliant - since 0825 - Schneider Electric declaration of conformity	
	Schneider Electric declaration of conformity	
REACh	Reference not containing SVHC above the threshold	
	Reference not containing SVHC above the threshold	
Product environmental profile	Available	-
	End of Life Information	
Product end of life instructions	Available	

Contractual warranty

Warranty period	18 months

Dimensions

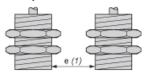


Product data sheet Mounting and Clearance

XSAV32801L05

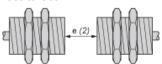
Minimum Mounting Distances

Side by side

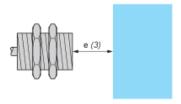


e (1) ≥ 20 mm/0.79 in

Face to face



e (2) ≥ 120 mm/4.72 in Facing a metal object



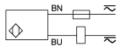
e (3) ≥ 30 mm/1.18 in.

Product data sheet Connections and Schema

XSAV32801L05

Wiring Schemes

2-wire AC or DC



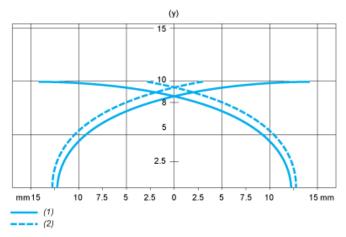
BU: Blue Brown

Product data sheet Performance Curves

XSAV32801L05

Performance Curves

Standard Steel Target: 30x30x1 mm



- Pick-up points
- (1) (2) (y) Drop-out points (object approaching from the side)
- Sensing distance in mm