Product data sheet
Characteristics

XS8C1A1NAM8
inductive sensor XS8 40x40x15 - PBT - Sn25mm - 12..24VDC - M8

Green Premium™ Product

Product availability: Stock - Normally stocked in distribution facility

Main

Commercial Status	Commercialised
Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS8
Sensor design	Flat form 40 x 40 x 15
Size	15 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	0.98 in (25 mm) non flush mountable 0.59 in (15 mm) flush mountable
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	NPN
Electrical connection	3 pins M8 male connector
[Us] rated supply voltage	12...24 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

Complementary

Detection face	Frontal
Front material	PBT
Fine adjustment zone	0.31...0.98 in (8...25 mm) non flush mountable 0.31...0.59 in (8...15 mm) flush mountable
Differential travel	1...15% of Sr
Supply voltage limits	10...36 V DC
Residual current	<= 1.5 mA for open state
Switching frequency	<= 1000 Hz
Voltage drop	<= 2 V at closed state
Current consumption	<= 10 mA at no-load
Delay first up	<= 10 ms
Delay response	<= 0.3 ms
Delay recovery	<= 0.8 ms
Marking	CE
Depth	0.59 in (15 mm)
Height	2.01 in (51 mm)

Schneider Electric

1

Width	1.57 in (40 mm)
Product weight	0.13 lb(US) (0.06 kg)

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 for 11 ms conforming to IEC 60068-2-27

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901530183
Nbr. of units in pkg.	1
Package weight(Lbs)	0.16
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	FR

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 0912 - 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

Mouser Electronics

Authorized Distributor

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

[Schneider Electric](#):
  [XS8C1A1NAM8](#)