

Product data sheet

Characteristics

XS3P18PA340

inductive sensor XS3 M18 - 24..240VAC/DC - terminal



Main

| | |
|---------------------------|--|
| Range of product | OsiSense XS |
| Series name | General purpose |
| Sensor type | Inductive proximity sensor |
| Protection type | Short-circuit protection |
| Device application | 2-wire DC short-circuit protection |
| Sensor name | XS3 |
| Sensor design | Cylindrical M18 |
| Body type | Fixed |
| Material | Metal |
| Type of output signal | Discrete |
| Wiring technique | 2-wire |
| [Us] rated supply voltage | 24..240 V AC 50/60 Hz 24..210 V DC |
| Switching capacity in mA | 5...200 mA DC with overload and short-circuit protection 5...300 mA AC with overload and short-circuit protection |

Complementary

| | |
|-----------------------|--------------------------------|
| Thread type | M18 x 1 |
| Detection face | Frontal |
| Front material | PPS |
| Differential travel | 1...15% of Sr |
| Supply voltage limits | 20...264 V AC/DC |
| Residual current | <= 1.5 mA for open state |
| Voltage drop | <= 5.5 V at closed state state |
| Delay first up | <= 70 ms |
| Marking | CE |
| Height | 18 mm |

Environment

| | |
|---------------------------------------|---|
| Product certifications | CSA UL CCC |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -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 60068-2-7 |

Offer Sustainability

| | |
|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 1104 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available End Of Life Information |
| Product end of life instructions | Available |