Do you require a reliable sensor to detect proximity between traveling overhead cranes?

Introducing the improved OsiSense™ XUX9ARCNT16

OsiSense™ XUX9ARCNT16, a reliable photoelectric sensor specially designed to detect proximity between two traveling overhead cranes.

Easy installation and adjustment!
The OsiSense™ XUX9ARCNT16 features a strong red beam which is highly visible on the reflector to allow easy and fast setting. Additionally, it incorporates a 3rd LED to indicate sensor instability making mechanical adjustment easier.

A spacious terminal chamber enables easy and rapid cabling plus a rotatable cable gland with 2 positions.

Reliable optical detection!
With polarized retro-reflective working principle and a long sensing distance up to 11m (using a 50 x 50mm reflector) and up to 17m (using a 100 x 100mm reflector) is ideal to detect proximity between two traveling overhead cranes.

Characteristics:
• AC/DC relay output
• Compact format 92 x 71mm
• Sensitivity adjustment by potentiometer
• Regulation compliant: CE, UL, CSA, CCC, C-Tick

Telemecanique
Sensors
OsiSense™ XUX9ARCNT16
Long Range Polarized Retro-reflective
Photoelectric Sensor

Product Specification

Catalog References:
XUX9ARCNT16 AC/DC relay output,
terminal connections

Specifications:
Nominal Sensing Distance 11 m with XUZC50 Reflector
Operating Temperature -25°C to +55°C
Storage Temperature -40°C to +70°C
Vibration resistance 7gn, amplitude ±1,5 mm (f = 10 to 55 Hz)
Shock resistance 30gn, duration 11 ms
IP class IP65, IP67, double insulation (IEC 60529)

Mechanical Characteristics:
Compact shape 92x72mm
Connection: Screw-clamp terminals with ISO 16 Cable Gland
Material: Case PBT
Lens PMMA

Electrical Characteristics:
Type of emission Visible red light source
Voltage limits AC/DC 20 to 264 Volts AC (including ripples)
Current consumption 2 W AC/DC
Switching capacity 3A (Relay output)
Delays: first up < 60 ms
Delays: response < 25 ms
Delays: recovery < 25 ms
Switching frequency <= 20 Hz

Put our sensing experience to work for you.
For application assistance or more information about
Telemecanique Sensor sensing solutions, please
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