

Optical Sensing Edge

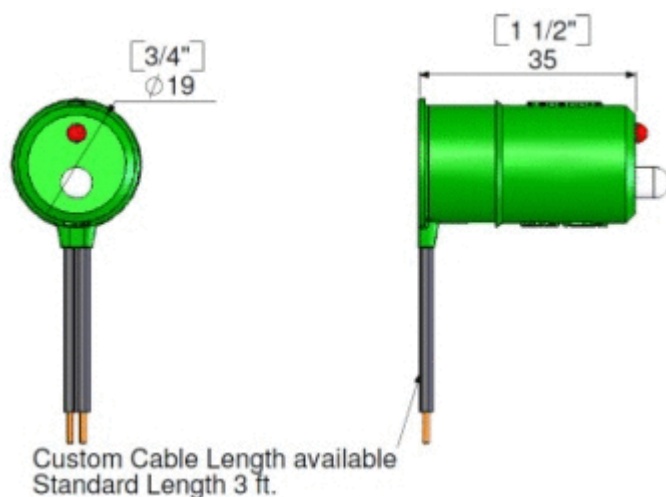
OSE-S 5xxx



General Data

Interface	2 wire OSE
Technology	Optical contact edge
Transmitter cable length*	0.9 m (3 ft) / 10.0 m (32.8 ft) / 15.2 m (49.9 ft)
Receiver cable length*	1.0 m (3.3 ft) / 15.2 m (49.9 ft)
Supply voltage	6 ... 40 VDC
Safety properties	UL 325
Housing dimensions W x H x D	35 mm x 19 mm (1.38" x 0.75")
Operation temperature	-23 °C to +74 °C (-10 °F to +165 °F)
Protection class	IP68
Cable layout	PVC / PVC, non-tinned ends
Version	2 wire interface
Diameter	19 mm (¾")
Weight	0.4 kg
Range	0.5 m ... 10 m (1.6 ft - 32.8 ft)
Sealing compound	Polyurethane (Emitter: Grey, receiver: Black)
Housing material	Polypropylene (PP)
Unit of measure	Piece
Product life cycle	Established



* The cable lengths depend on the OSE types




Compatible controllers

	Product	Supply voltage	Input type of sensing edge
	OSE-C 1004	24 VAC/DC	2-wire
	OSE-C 1003	24 VAC/DC	2-wire

Compatible junction boxes

	Product connection options	Housing
	JB 2814 2 x wire nut AWG22	Medium (90x48.5x40 mm / 3.54x1.91x1.57")
	JB 2817 2 x wire nut AWG22	Medium (90x48.5x40 mm / 3.54x1.91x1.57")

Compatible rubber profiles

	Product	Height	Width
	OSE-P 40 40 00	40 mm (1.57")	40 mm (1.57")

Contact



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