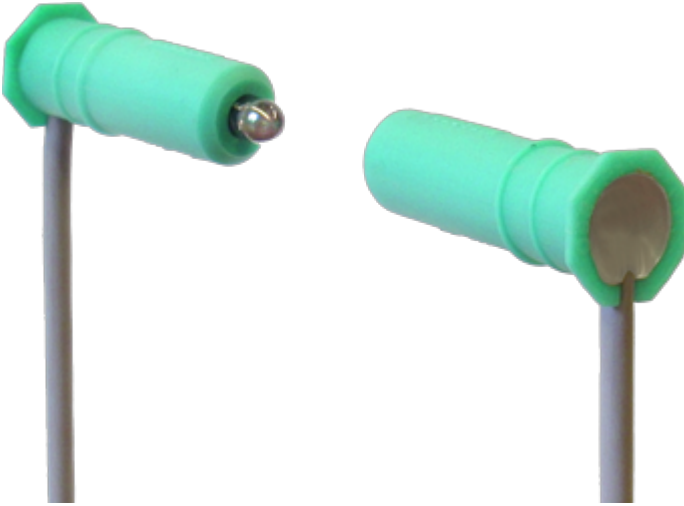


VITECTOR

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Optical Sensing Edge

OSE-S 6506

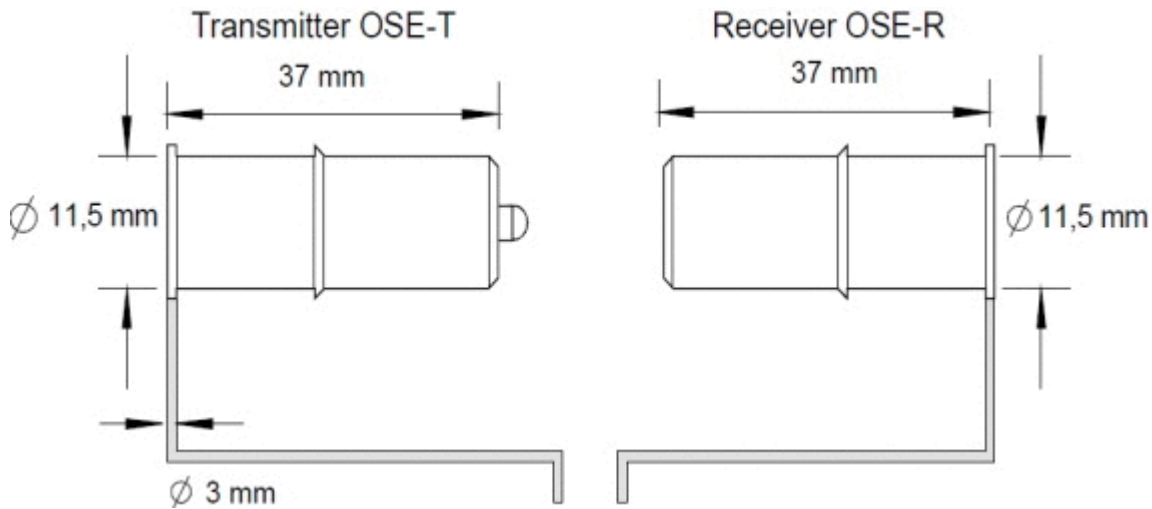


General Data

Interface	3 wire OSE
Technology	Optical Contact Edge
Transmitter Cable Length	10.5 m (34.4 ft)
Receiver Cable Length	3.0 m (9.8 ft)
Supply Voltage	4 - 28 V DC
Safety Properties	Cat. 3 PL d (EN ISO 13849-1)
Cable Layout	PVC / PVC, tinned ends
Diameter	11 mm (0.43 ")
Housing Dimensions WxHxD	37x11 mm (1.46x0.43")
Operation Temperature	-20 °C to +75 °C (-4 °F to +167 °F)
Protection Class	IP68
Version	V6 (suitable for battery systems)
Weight	0.11 kg
Range	0.5 m - 10 m (1.6 ft - 32.8 ft)
Sealing Compound	Polyurethane (Transmitter: Grey, Receiver: Black)
Housing Material	Polyethylene

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Compatible Controllers

Product	Housing Type	Supply Voltage	No. of Sensing Edge Inputs	Input Type of Sensing Edge
OSE-C 2324	Surface Mounting	24 V AC/DC	2	3-Wire
OSE-C 2300	Surface Mounting	230 V AC	2	3-Wire
OSE-C 2301	Surface Mounting	24 V DC	2	3-Wire
OSE-C 2323	Surface Mounting	230 V AC	2	3-Wire
OSE-C 1001	Surface Mounting	24 V AC/DC	1	3-Wire

Compatible Junction Boxes

Product	Connection Options	Diagnostic Functions	Junction Box Housing	Lid Material
JB 1307	PCB with Screw-Terminals	Yes	Small (75x40x13 mm / 2.95x1.57x0.51")	Transparent
JB 2108	PCB with Screw-Terminals	No	Medium (90x48.5x40 mm / 3.54x1.91x1.57")	Opaque
JB 3000	Terminal Strip	No	Large (158x60x39 mm / 6.22x2.36x1.54")	Opaque
JB 4400	PCB with OSE Plugs or Screw-Terminals	Yes	Large (158x60x39 mm / 6.22x2.36x1.54")	Transparent
JB 5610	PCB with OSE Plugs	Yes	Medium (90x48.5x40 mm / 3.54x1.91x1.57")	Transparent

Compatible Rubber Profiles

Product	Height	Foot	Sealing Lip	Width
OSE-P 14.36.04	36 mm (1.42")	C Foot	One	14 mm (0.55")
OSE-P 45.60.04	60 mm (2.36")	Clips Foot	One	45 mm (1.77")
OSE-P 20.40.01	40 mm (1.57")	C Foot	One	20 mm (0.79")
OSE-P 25.90.00	90 mm (3.54")	C Foot	One	25 mm (0.98")
OSE-P 25.75.01	75 mm (2.95")	Special Foot	One	25 mm (0.98")
OSE-P 25.75.00	75 mm (2.95")	C Foot	One	25 mm (0.98")
OSE-P 14.36.00	36 mm (1.42")	C Foot	One	14 mm (0.55")
OSE-P 15.40.00	40 mm (1.57")	C Foot	One	15 mm (0.59")
OSE-P 45.60.00	60 mm (2.36")	Special Foot	Two	45 mm (1.77")