

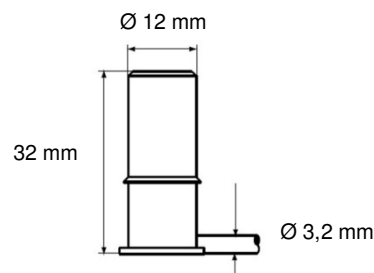
3,6-15 VDC POWER SUPPLY - MARKET COMPATIBLE - μ PROCESSOR

Patent pending



OPTICAL SAFETY EDGE TSS10 AND RSS10

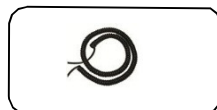
Universal optical safety edge on every industrial door. Can also be used for wireless transmission of safety edge signal with a power supply of 3,6-15 VDC. Automatic range and signal strength adjustment with a built in μ Processor.



RELATED PRODUCTS



Junction box - dimension 40x136x56 mm



Spirale cable 5 conductor with holding angle and cable gland



Control for wireless signal transmission from the safety list

SPECIFICATIONS AND CONNECTIONS

Type	TSS10 CF12 C6.5	RSS10 CF12 C1
Power supply	3,6-15 VDC	3,6-15 VDC
Current consumption	5 mA, typ. 2 mA	1 mA
Range	Self-adjust up to 10 m (*)	10 meter with TSS10 (*)
Reaction time	•	Max 1 ms
Operation frequency	•	520 Hz +- 20 Hz (TSS controlled)
Output signal	•	PNP pulsed (see drawing below)
Output impedance	•	100 Ohm
Minimum load impedance	•	820 Ohm
Reverse polarity protection	Yes	Yes
Light immunity	•	10.000 lux
Optical angle	+/- 5°	+/- 40°
Temperature	-20 ... +60 °C	-20 ... +60 °C
Vibration	10-55 Hz 1,5 mm pp	10-55 Hz 1,5 mm pp
Housing	Polycarbonate blue	Polycarbonate yellow
Shock	30 G	30 G
Protection category	IP 67	IP 67
Cable	3*0,14 mm ² PVC – outer dia.3.2mm	3*0,14 mm ² PVC – outer dia.3.2mm
Cable length	6.5 m	1 m
Dimensions	Ø12 L32 mm	Ø12 L32 mm
Weight	0,1 kg	0,04 kg

(*) Below 5 VDC range can be reduced.

