

SST 01-10-054-048-10-H-1D1-0.5-J5**Industrial Light Curtain**

Industrial Light Curtains

Compatible Receivers:

SSR 01-4-054-048-10-H-1D1-0.5-J8

SSR 01-10-054-048-10-H-1D1-0.5-J8



Product Data	
Channel Spacing	10 mm
Function	Transmitter
Operation Mode	Thru Beam
Supply Voltage	12 - 30 V dc
Connection	0.5 m cable with 5 pin, M12 plug
Sensing Range	10 m
Length	540 mm
Active Height	475 mm
Housing	33 x 36 mm

Technical Data	
Supply Voltage	12 - 30 V dc
Reverse Polarity Protected	Yes
Current Consumption	100 mA
Number of Channels	48
Number of Cross Scanning Beams	142
Number of Parallel Beams	48
Distance, Beams Pinch Point	5 mm
Channel Spacing	10 mm
Test Input	Yes
Power On Indicator	Green LED
Light Source	Infrared (880 nm)
Profile Dimensions (w x d)	33 x 36 mm
Housing Material, Front Lens	Polycarbonate
Housing Material, Profile	Aluminium (black anodised)
Cable	5 x 0,2 mm ²
Cable Sleeve	PVC Ø 5,9 mm

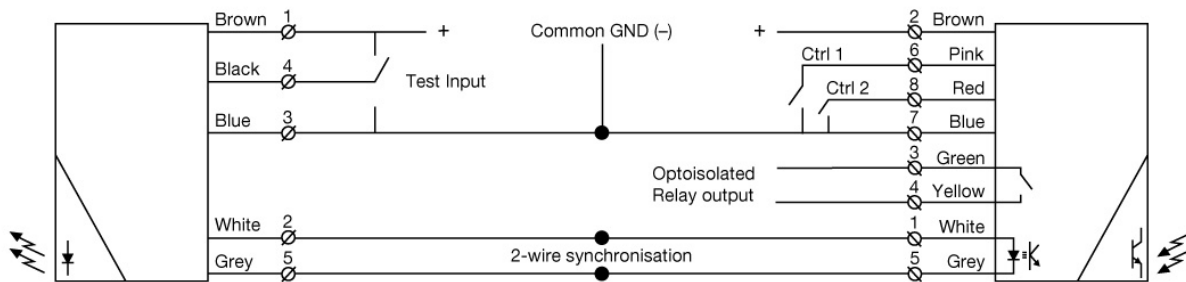
Environmental Data

Vibration	10 - 55 Hz, 0,5 mm
Shock	30 g
Operation Temperature	-30 to +60 °C
Storage Temperature	-40 to +80 °C
Sealing Class	IP 67

Approvals



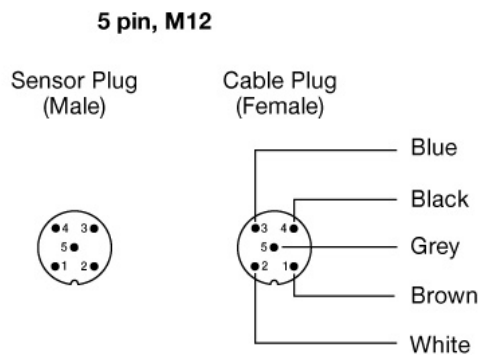
Wiring Diagram



SST 01
Connect black test input wire to + or - to disable SST

SSR 01
Ctrl 1 Parallel or cross beams selection
Ctrl 2 Blanking function set-up

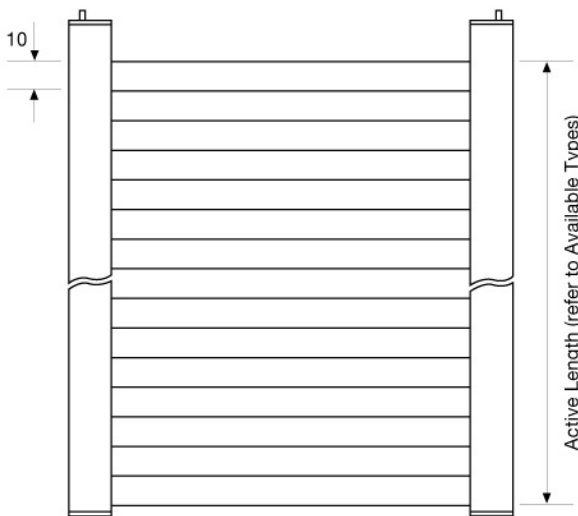
Connections



Parallel Displacement

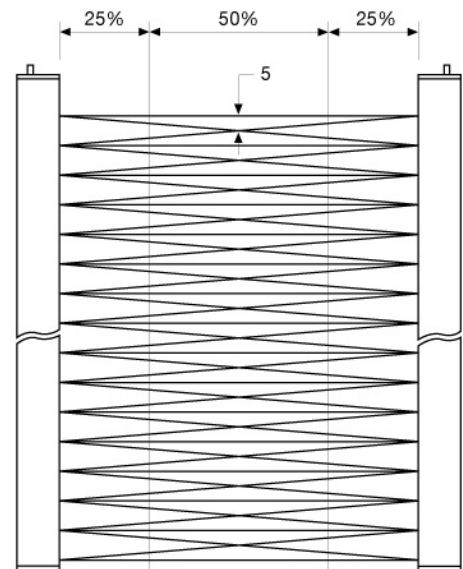


Beam Patterns



Parallel Beams

10 mm channel spacing



Cross Beams

Dimensions

