SST 01-10-022-008-20-H-1D1-0.5-J5

Industrial Light Curtain

Industrial Light Curtains

Compatible Receivers:

SSR 01-4-022-008-20-H-1D1-0.5-J8
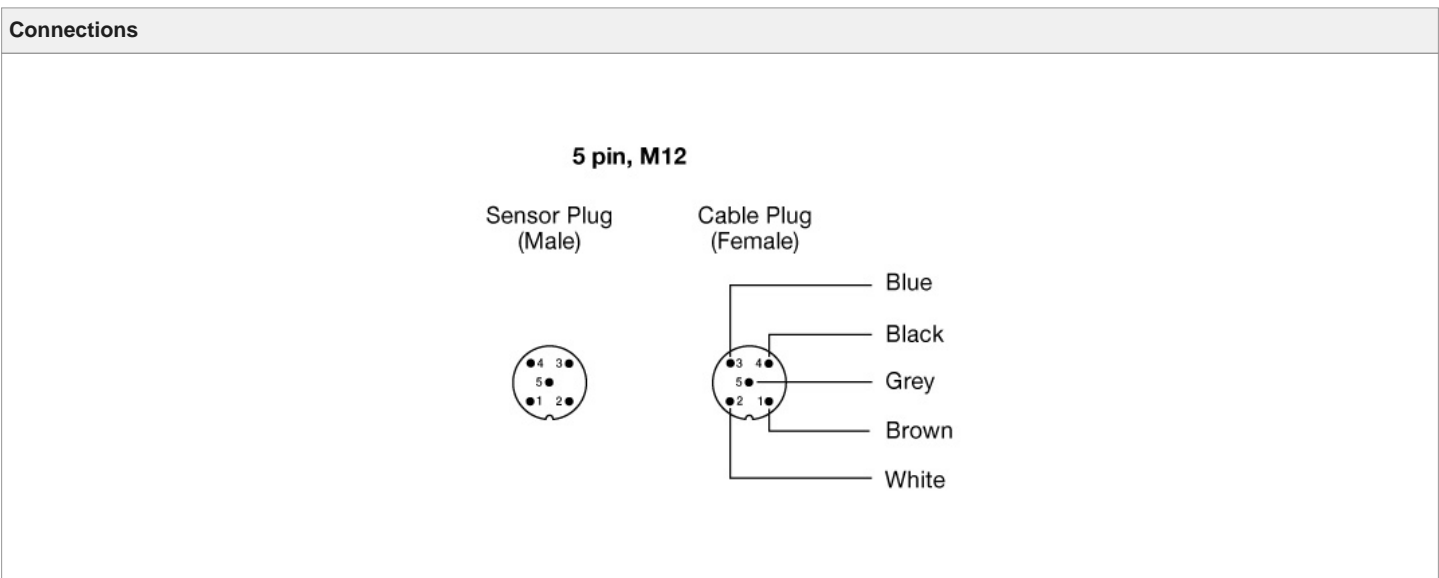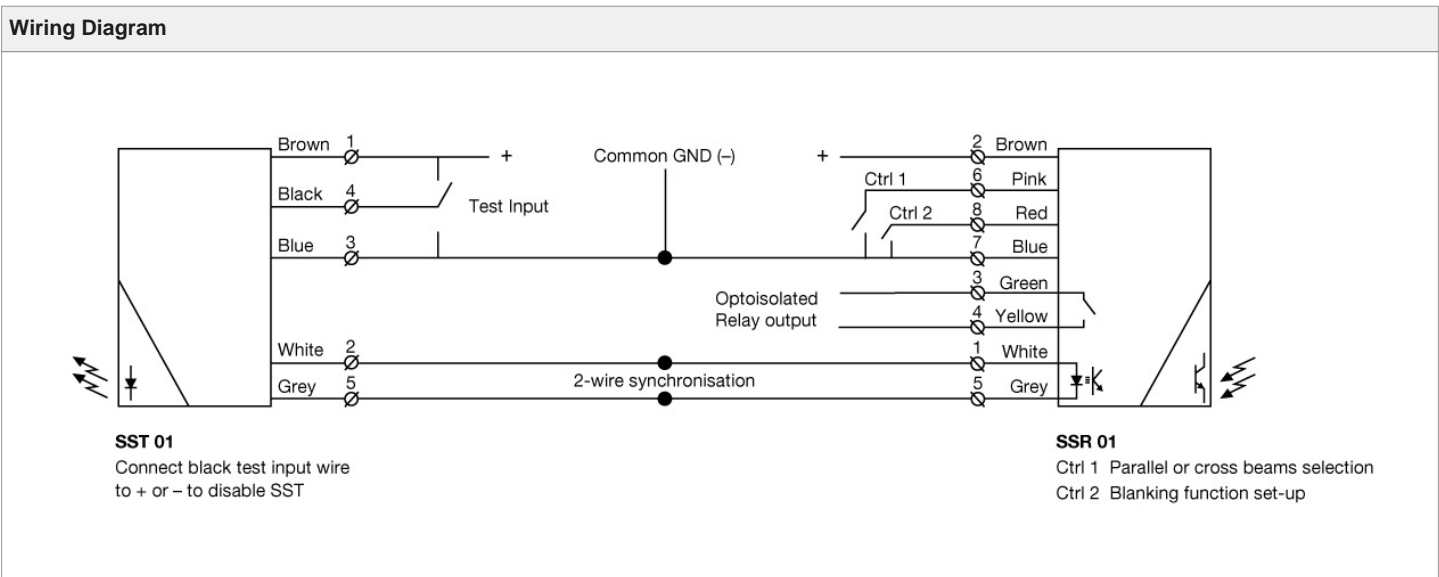SSR 01-10-022-008-20-H-1D1-0.5-J8

Product Data	
Channel Spacing	20 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	220 mm
Active Height	145 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	8
Number of Cross Scanning Beams	22
Number of Parallel Beams	8
Distance, Beams Pinch Point	10 mm
Channel Spacing	20 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 mm²
Cable Sleeve	PVC Ø 5,9 mm

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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

CE UK CA

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

5 pin, M12

Sensor Plug (Male)

Cable Plug (Female)
Blue
Black
Grey
Brown
White

Parallel Displacement
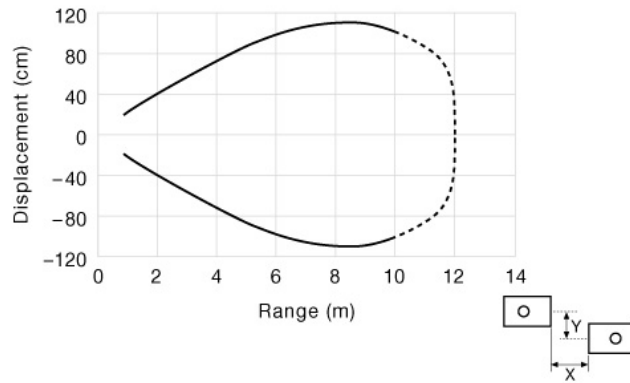
Beam Patterns
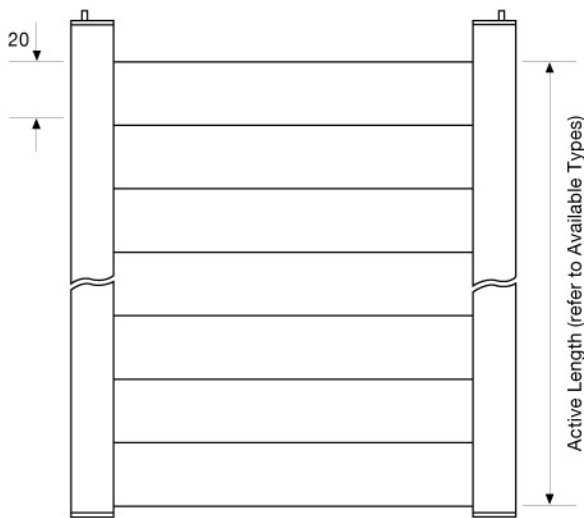
Parallel Beams

Cross Beams

20 mm channel spacing

Dimensions

Ø 14,8
M12 x1
48
Ø 5,9
500

Housing Length (refer to Available Types)
Active Length (refer to Available Types)

System status indicator (SSR)
Output indicator (SSR)
Power on indicator (SST/SSR)

16,5
15,8
11,5

36

33

14
10,7
21
16,5

13
M5
13
4,8

T-Slot Mounting Fixture
Stainless Steel AISI 304
(2 units included)

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