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DATALOGIC - LIGHT BEAM SG BODY COMPACT MUTING

SG4-S2-050-PP-W
SG4-S2-050-PP-W 2 Beam Type 4



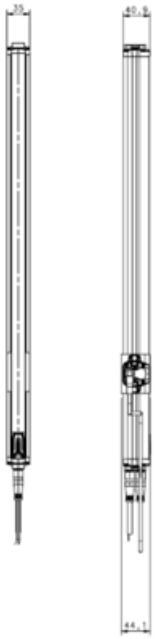
- Range up to 50 m
- Built-in muting
- "T" and "L" solutions

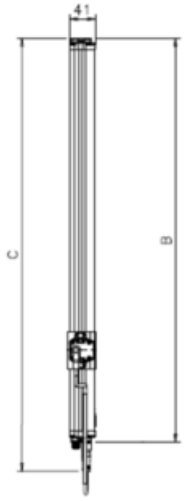
PRODUCT DESCRIPTION

TECHNICAL DATA

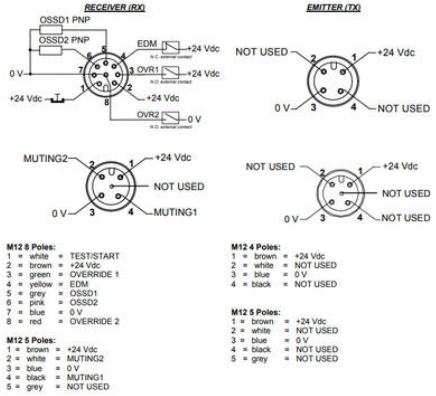
Additional features	EDM, reset functions
Approvals	CE, cULus, TÜV
Cable connection receiver	Receiver M12, 8-pole shielded + M12, 5-pole for muting
Cable connection transmitter	Transmitter M12, 4-pole, shielded + M12, 5-pole for muting
Cable length max	50 m
Contact current max	0.5 A
Distance max	50 m
Function	Manual/automatic restart, EDM
In compliance with	EMC, LVD, MD
IP class	IP65
Material of body	Aluminium
Number of beams	2
PL	e (EN ISO 13849-1)
Power consumption	Transmitter 1,6W. Receiver 4,2 W. (without load)
Protection height	500 mm
Range	0,5-50 m

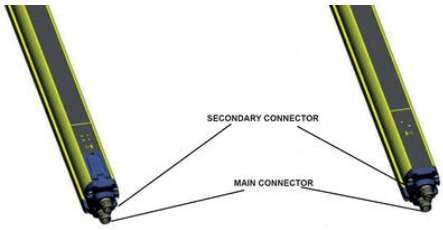
Safe outputs	2 OSSD
SFF	98,93 %
SIL	3 (EN IEC 61508)
Supply voltage	24 V DC
Temperature operational max	55 °C
Temperature operational min	0 °C
Type	4
Voltage tolerance	±20 %

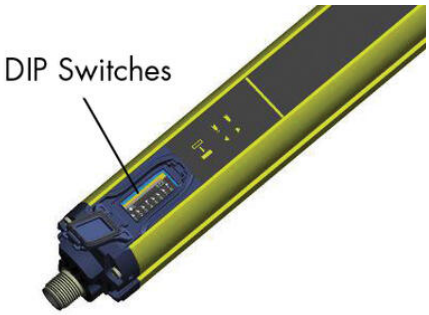


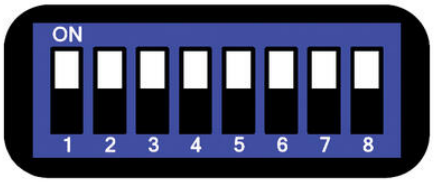


MODEL	B (mm)	C (mm)
SG 2 050	653	700
SG 3 080	953	1000
SG 4 090	1053	1100
SG 4 120	1353	1400



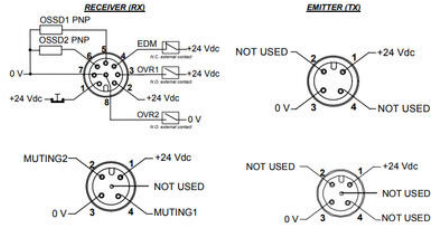






dip-sw	Function	ON	OFF
1,5	Muting time-out	10 min	∞
2,6	Muting	T config. (4 beams)*	L config. (2 beams)
3,7	EDM	Deactivated	Activated
4,8	Reset	Automatic	Manual

* "Cross-beam muting is configurated in the same way as T-muting.

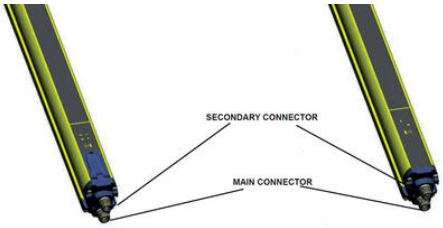


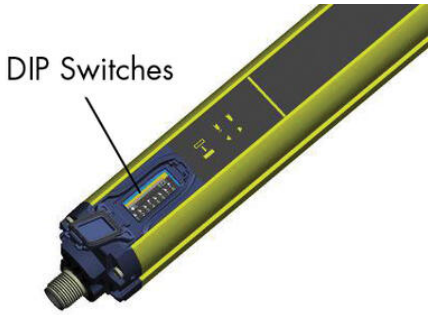
M12 8 Poles:
1 = white = TEST/START
2 = brown = +24 Vdc
3 = green = OVERRIDE 1
4 = yellow = EDM
5 = grey = OSSD1
6 = pink = OSSD2
7 = blue = 0 V
8 = red = OVERRIDE 2

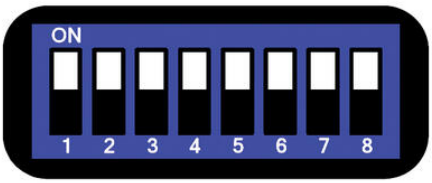
M12 5 Poles:
1 = brown = +24 Vdc
2 = white = MUTING2
3 = blue = 0 V
4 = black = MUTING1
5 = grey = NOT USED

M12 4 Poles:
1 = brown = +24 Vdc
2 = white = NOT USED
3 = blue = 0 V
4 = black = NOT USED

M12 5 Poles:
1 = brown = +24 Vdc
2 = white = NOT USED
3 = blue = 0 V
4 = black = NOT USED
5 = grey = NOT USED







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