

SG BODY REFLECTOR BASE / MUTING

957951100

SG4-RDB2

RETROREFLECTIVE TYPE 4 SAFETY LIGHT GRID FOR BODY DETECTION

OVERVIEW

- One active and one passive unit to reduce wiring and installation costs
- Robust housing for harsh environments
- Easy installation and alignment
- Reflective muting arms included in L and T muting version
- All advanced features associated to muting function
- 2, 3, 4 beams for body protection
- Controlled heights 500, 800, 900 and 1200 mm
- Up to 8 m operating distance
- Simple configuration through DIP switches
- Integrated muting lamp (muting models)
- Anti-interference coding
- External muting enable signal
- Edged or triggered muting dependent override

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	n/a
Resolution	500mm
controlled height	500 mm
number of rays	n/a

Sensitivity adjustment	n/a
Effective Aperture Angle	≤ ±2,5°

Application

Function Principle	Passive side
Available functions	Passive Unit
Description	Big RRX passive unit
Functions	Body protection 2 beams

Safety parameters

Type	Type 4 safety light curtain (A/M)
SIL	n/a
SILCL	n/a
PL	n/a
MTTFd	n/a
SFF	n/a

Outputs

Output type	n/a
Response time	n/a ms

Electrical data

Operating Voltage	n/a
Load current	≤ 500mA each output
Emission	n/a
Interference to external light	According to IEC 61496-2
Power Consumption - Receiver	n/a
Power Consumption - Emitter	n/a
Cabel Length (Power Supply/Output)	n/a

Mechanical data

Dimensions	52x57x520
Material	Painted aluminum / PMMA / PBT Valox 508
Connections	n/a
Storage temperature	-25…+ 70°C
Vibrations	Width 0.35 mm, frequency 10 … 55Hz; 20 sweep per axis, 1octave/min (EN 60068-2-6)
Shocks	16 ms (10 G) 1,000 shocks per axis (EN 60068-2-29)

Test/Approvals

EMC compatibility	According to 2014/30/EU Directive

Generical Data

Dimensions	52x56,9x580,5 mm

Operating Temperature	0…+55°C
Humidity	15 … 95 % (no condensation)
Mechanical Protection	IP65

UNASSIGNED

Disegno 2D PDF	n/a

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