

Аксессуары

Описание

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DATALOGIC – MUTING CONTROL BOX SG-SRT

```
mirror_mod.use_x = false
mirror_mod.use_y = true
use_x = false
```

OVERVIEW

- ✓ SE-SR2 is a safety unit that can be used in combination with every DATALOGIC Safety Light Curtains.
- ✓ It provides dual-channel operation without detection of shorts across contacts.
- ✓ Short circuits and earth faults in the pushbutton circuit are detected.
- ✓ CS-ME is an interface with two forcibly guided relays, providing 3 NO contacts. The diagnostic function must be performed by the Safety Light Curtains through External Device Monitoring function.



TECHNICAL SPECIFICATION

	SE-SR2	CS-ME
GENERAL DATA		
PL (EN ISO 13849-1)	e	up to e (depending on ESPE)
SIL (IEC 61508)	3	up to 3 (depending on ESPE)
ELECTRICAL DATA		
Power supply	24 Vdc -15/+10%	24 Vdc -/+20%
Outputs		
Safe outputs (Cat. 4)	3 NO	3 NO
Auxiliary outputs	1 NC	1 NC
Response time		
Following input going OFF	typ. 10 ms, max. 20 ms	20 ms
With power failure	typ. 70 ms, max. 120 ms	20 ms
Recovery time		
Following inputs going ON	50 ms	40 ms
After power on	150 ms	40 msz
MECHANICAL AND ENVIRONMENTAL DATA		
Operating temperature	-10 ... +55°C	-25 ... +55°C
Humidity	15 ... 95 % (no condensation)	15 ... 95 % (no condensation)
Mechanical protection	IP20	IP20
FUNCTIONS		
Reset modes	Automatic/Manual/Monitored	Automatic
External Device Monitoring	Available on SE-SR2	Must be activated on Safety Light Curtain (ESPE)

COMPATIBILITY		
	All DATALOGIC Safety Light Curtains	All DATALOGIC Safety Light Curtains with EDM function: SG2 EXTENDED SG2 MUTING SG2 BASE, SG4 BASE SG BODY COMPACT SG BODY BIG SG BODY REFLECTOR SG BODY COMPACT SG4 EXTENDED SLIM

Integrated Muting Arms

```
mirror_mod.use_z = true  
_operation = "MIRROR_Z"  
mirror_mod.use_x = false  
mirror_mod.use_y = false
```

OVERVIEW

Some models of Safety Light Curtains series SG BODY COMPACT MUTING and SG BODY REFLECTOR MUTING are provided with active/passive muting arms in the packaging, but it's also possible to add muting arms as accessories (if the light curtain has integrated muting function). Instead of using the active/passive arm couple, in which on side is an active sensor, and the other is a passive reflector, in order to reach longer operating distance or to contrast the effect of environmental conditions, is possible to order also "F/G" muting arm couples, composed by an emitter and a receiver arm.

IMPORTANT NOTICE: For safety reasons, L muting arms should be used only for openings through which goods must exit from the dangerous area: for openings in which goods must enter the dangerous area, as well as for bi-directional movements, use T muting arms.



LMS

```
class MutingIndicator:  
    def __init__(self):  
        self.mod.use_x = False  
        self.mod.use_y = True  
        self.mod.use_z = False  
        self.operation = "MIRROR_Z"  
        self.mirror_mod.use_x = False  
        self.mirror_mod.use_y = False  
        self.mirror_mod.use_z = True
```

OVERVIEW

LMS are muting lamps: standard, tower modular, with horizontal and vertical mounting. Depending on the risk assessment, an indicator to show when the muting function is active can be necessary. This indicator shows that the normal protective function of the light curtain is temporary suspended. The muting indicator should have sufficient brightness and be installed so as to be readily visible from any foreseeable position where a person can attempt to access the hazard zone.



SE-S

```
self._mirror_mod.use_x = False
self._mirror_mod.use_y = True
self._mirror_mod.use_z = False
self._operation = "MIRROR_Z"
self._mirror_mod.use_x = False
self._mirror_mod.use_y = False
self._mirror_mod.use_z = True
```

OVERVIEW

SE-S floor colum support both safety light curtains and SG-DM deviating mirrors.



SG-LP

OVERVIEW

Laser pointer, to assist in the alignment of safety light curtains over long distances or when mirrors are used.



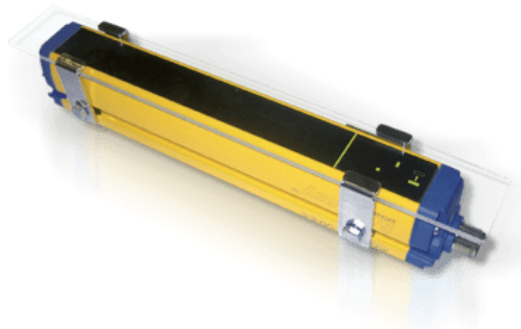
SG-LS

```
mirror_mod.use_x = False
mirror_mod.use_y = True
mirror_mod.use_z = False
operation = "MIRROR_Z":
mirror_mod.use_x = False
mirror_mod.use_y = False
mirror_mod.use_z = True
```

OVERVIEW

SG-LS is a PMMA plate to be mounted on the front glass of the light curtain to protect it against dust, splinters and drops of incandescent material from material working or welding.

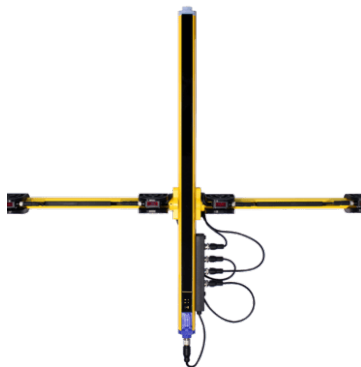
The LENS SHIELD accessory for safety light curtains is composed of a PMMA Altuglas plate that can be mounted on the front glass of the safety light, ensuring an effective protection against dust, chips and incandescent drops deriving from material working near the safety light curtain.



SG-M BRACKET 95ASE2630 – SG M Muting Kit single bracket for S8 or S100 sensors or reflector

OVERVIEW

The ready-to-use muting kit SG-M, with its modular and flexible structure and its preinstalled sensors, is the ideal solution for any kind of application where the position and orientation of muting beams need to be regulated quickly and easily. The connection box reduces the wiring time of muting sensors to the light curtains with integrated muting function like SG BODY COMPACT, SG BODY REFLECTOR and SG4 EXTENDED. Muting arms can be installed directly on the light curtains or on the protective stands SG-PSB.



APPLICATIONS

Palletizers / Depalletizers

Conveyor lines

TP

OVERVIEW

Test pieces to verify if the resolution of safety light curtains is maintained throughout monitored area. With 14, 20, 30, 35, 40, 50 and 90 mm diameters.



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