SAFETY

SAFEASY™ ACCESSORIES

The accessory range for the **SAFEasy™** SE and SF2 safety light curtain series includes a complete offer of complementary parts for the installation and use of safety devices in plants and machinery. The deviating mirrors of the **SE-DM** series, useful to protect different sides of a machine, are available in different heights ranging from 150 mm to 1800 mm. The column and floor stands of safety light curtains and deviating mirrors of the **SE-S** series are available with heights ranging from 800 mm to 1800 mm. The protective stands of the **SE-P** series, ideal to guarantee device protection against shocks, also available in different heights ranging from 273 mm to 1743 mm. The laser pointer of the **SE-LP** series represents a valid support for the alignment and installation of the SE safety light curtain series, in particular for applications with long operating distances and / or using deviating mirrors. The **SE-SR2** safety relay guarantees the correct connection of the **SAFEasy™** safety light curtain series to machine stopping circuits. The series also includes Muting accessories: Muting signalling lamps of the **LMS** series and **SE-SRT** Muting connection box. The shielded cables of the **CV** series are available both in the standard axial version as well as in the 90° version; the latter particularly useful in applications that have reduced space. The fixing brackets, orientable, anti-vibration and anti-scratch supports of the **ST-K** series and the **TP** test pieces complete the offer.

HIGHLIGHTS

• Complete range of accessories for SAFEasy™ safety light curtains
• Deviating mirrors, fixing brackets and supports, protective stands
• Muting accessories: signalling lamps and Muting connection box
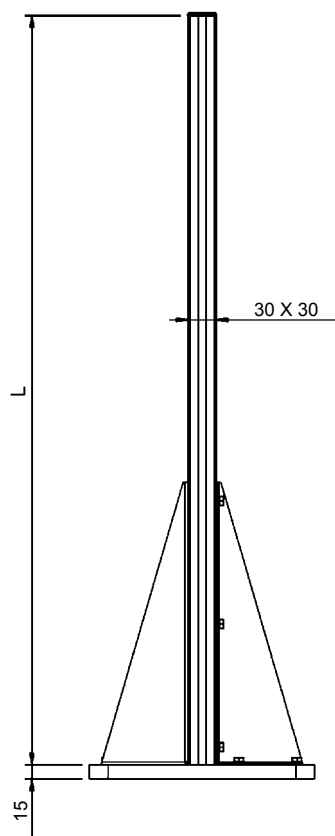• Type 4 safety relays

APPLICATIONS

Safety accessories series are suitable for all the application where Datalogic Automation safety light curtains are used to protect dangerous part of automatic machine.
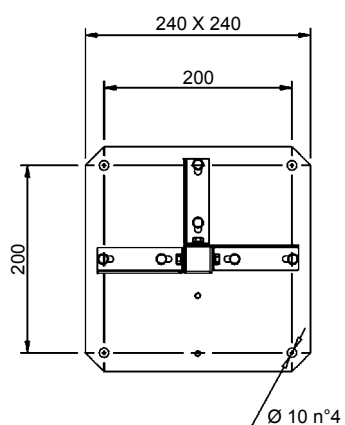
DEVIATING MIRRORS - SE-DM SERIES

The column and floor stands of the **SE-S** series, as well as being suitable for the **SAFEasy**™ - SE safety light curtain series, can be used also with the SF2 safety light curtain series and deviating mirrors of the SE-DM series.
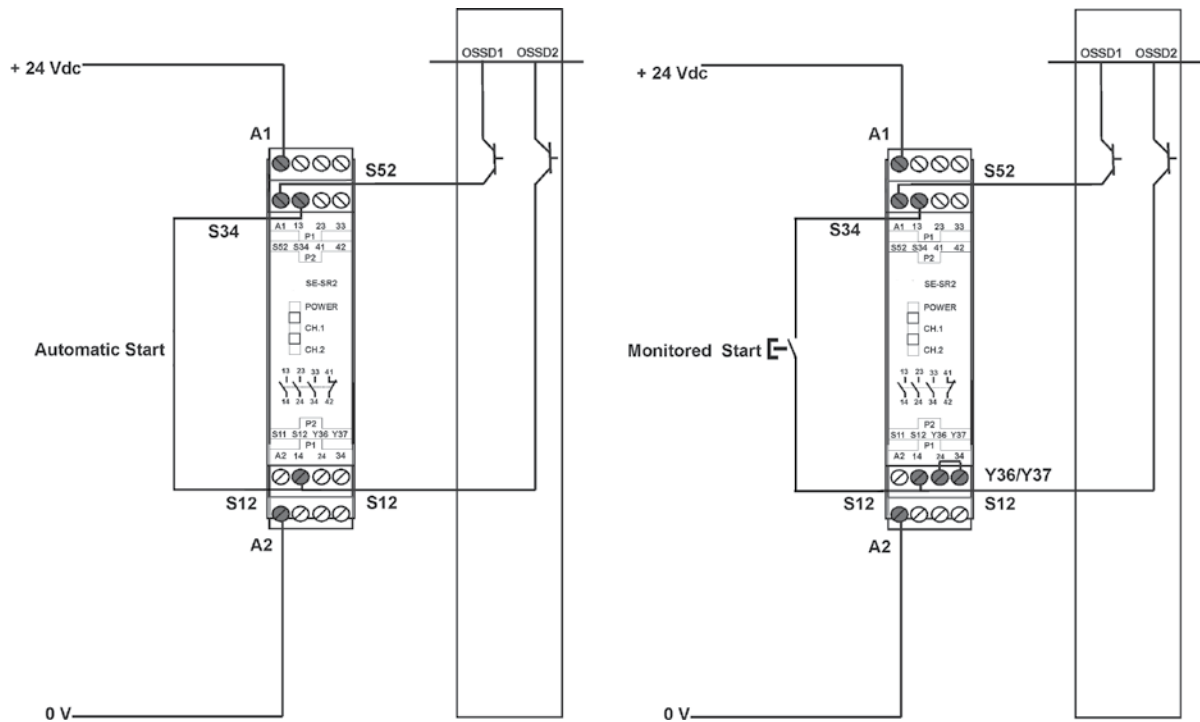
30 X 30

L

15

VERSION	L (mm)
SE-S 800	800
SE-S 1000	1000
SE-S 1200	1200
SE-S 1500	1500
SE-S 1800	1800

240 X 240

200

200

Ø 10 n°4

mm

* 30 x 30 mm profile dimensions for 800, 1000 and 1200 mm
  45 x 45 mm profile dimensions for 1500 and 1800 mm

SAFETY RELAYS - SE-SR2 SERIES

The drawings show the connection between SAFEasyTM safety light curtains and the type 4 safety relay of the SE-SR2 series operating in Automatic Start (left side) and Manual Start with monitoring (right side).

TEST PIECES - TP SERIES

c **(UL)** US LISTED

The test pieces of the TP series allow to verify if the resolution of the SAFEasyTM safety light curtains is guaranteed inside the entire detection field. Models with Ø 14, 20, 30, 35, 40, 50 and 90 mm are available.

FIXING BRACKETS - ST-K SERIES

The **ST-KSTD** model represents the spare part kit composed of 4 standard fixing brackets for SE safety light curtains.
The **ST-K*OR** supports allow the orientation of the SE safety light curtains of ± 5°.
The **ST-K*AV** supports allow the absorption of the vibrations caused by the machinery where the SE safety light curtains are installed.
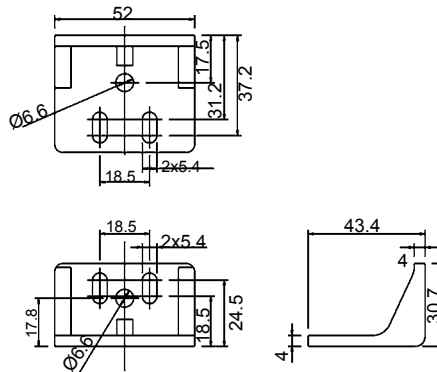The **ST-KSF2STD** model represents the spare part kit composed of 12 standard fixing brackets for SF2 safety light curtains.
The **ST-KSF2** model represents the anti-scratch brackets (kit composed of 4 brackets) for SF2 safety light curtains.
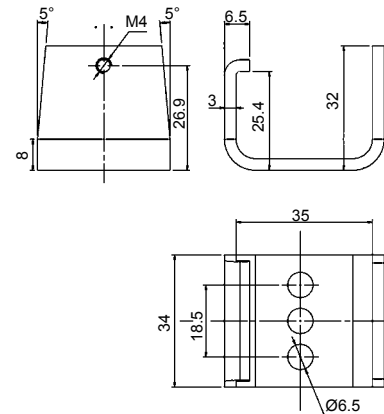The **ST-KP*MP** model represents the plastic fixing brackets for the SE safety light curtains.
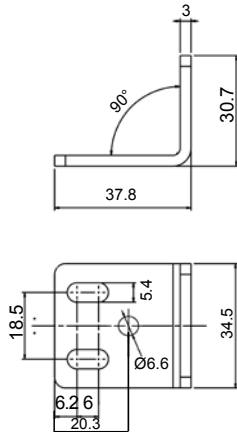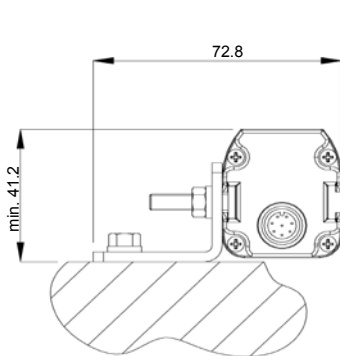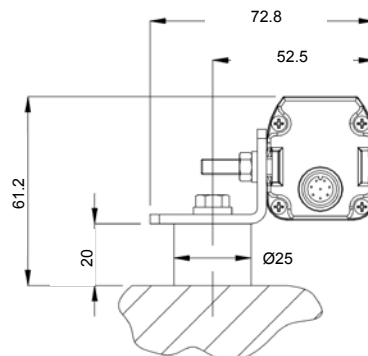
SE series: standard fixing bracket.
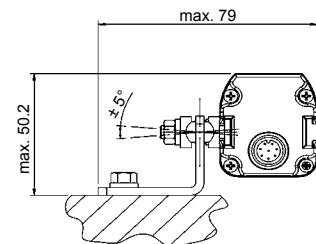
SE series: plastic fixing bracket.

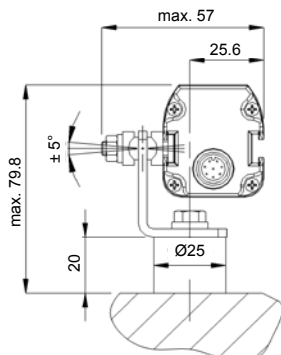SF2 series: standard fixing bracket.
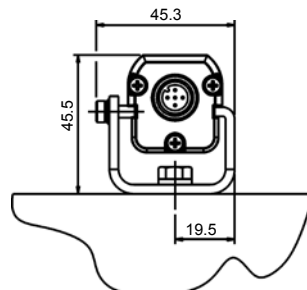
SE series: application with standard fixing bracket.

SE series: application with standard fixing bracket and ST-K*AV anti-vibration support.

SE series: application with standard fixing bracket and ST-K*OR orientable support.

SE series: application with standard fixing bracket, ST-K*AV anti-vibration support and ST-K*OR orientable support.
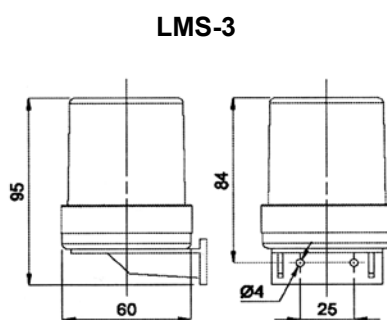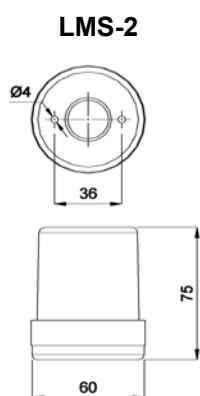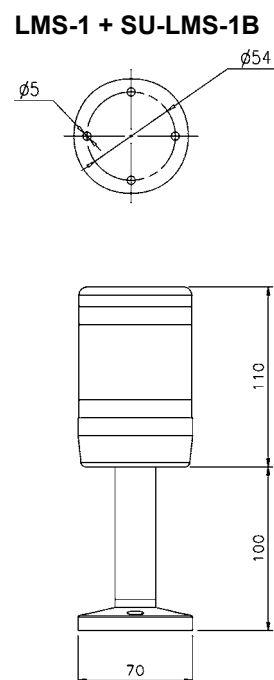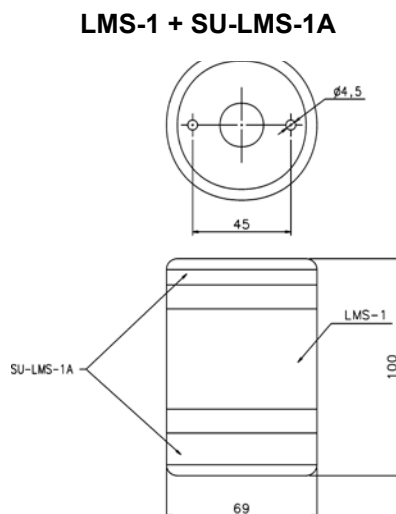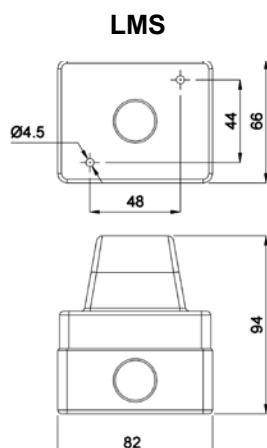
SF2 series: application with standard fixing bracket. The standard fixing bracket is compatible with the SE standard bracket, ST-K*AV anti-vibration support.
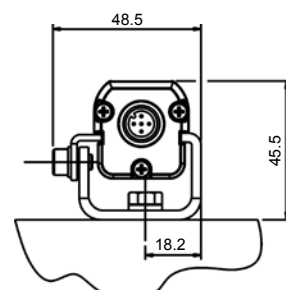
SF2 series: application with ST-KSF2 anti-scratch bracket.

mm

MUTING SIGNALLING DEVICES - LMS SERIES

LMS

Ø4.5
44
66
48
94
82

LMS-1 + SU-LMS-1A

Ø4,5
45
SU-LMS-1A
LMS-1
100
69

LMS-1 + SU-LMS-1B

Ø5
Ø54
110
100
70

LMS-2

Ø4
36
75
60

LMS-3

95
84
60
Ø4
25

Use 24 V lamps

3 W min (125 mA)
7 W max. (300 mA)

mm

SHIELDED CABLES - CV SERIES

CV-A1-22-B
CV-A1-26-B

Ø14,6
48
Ø 6 (CV-A1-22-B)
Ø 7 (CV-A1-26-B)
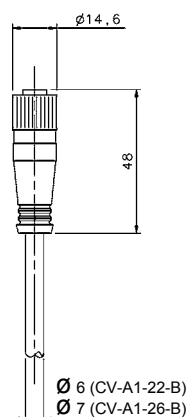
axial versions

CV-A2-22-B
CV-A2-26-B
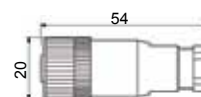

34
42
Ø14,6
Ø 6 (CV-A2-22-B)
Ø 7 (CV-A2-26-B)
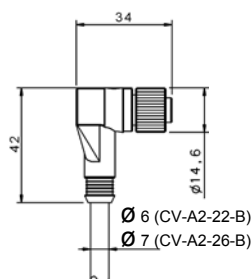
radial versions

mm

CONNECTORS - CS SERIES

CS-A1-06-B-NC

AXIAL M12 8-POLE
FEMALE CONNECTOR

54
20

accepts conductors with
0.25 ... 0.75mm^2 sections

mm

MODEL SELECTION AND ORDER INFORMATION

MODEL	DESCRIPTION	CODE N°
CS-A1-06-B-NC	axial M12-8 pole	95ACC2550
CV-A1-22-B-03	axial shielded 4-pin 3 m cable	95ACC1480
CV-A1-22-B-05	axial shielded 4-pin 5 m cable	95ACC1490
CV-A1-22-B-10	axial shielded 4-pin 10 m cable	95ACC1500
CV-A1-22-B-15	axial shielded 4-pin 15 m cable	95ACC2070
CV-A1-22-B-25	axial shielded 4-pin 25 m cable	95ACC2090
CV-A1-26-B-03	axial shielded 8-pin 3 m cable	95ACC1510
CV-A1-26-B-05	axial shielded 8-pin 5 m cable	95ACC1520
CV-A1-26-B-10	axial shielded 8-pin 10 m cable	95ACC1530
CV-A1-26-B-15	axial shielded 8-pin 15 m cable	95ACC2080
CV-A1-26-B-25	axial shielded 8-pin 25 m cable	95ACC2100
CV-A2-22-B-03	radial shielded 4-pin 3 m cable	95ACC1540
CV-A2-22-B-05	radial shielded 4-pin 5 m cable	95ACC1550
CV-A2-22-B-10	radial shielded 4-pin 10 m cable	95ACC1560
CV-A2-26-B-03	radial shielded 8-pin 3 m cable	95ACC1600
CV-A2-26-B-05	radial shielded 8-pin 5 m cable	95ACC1610
CV-A2-26-B-10	radial shielded 8-pin 10 m cable	95ACC1620
LMS	muting lamp	95ASE1830
LMS-1	modular muting lamp	95ACC1990
LMS-2	muting lamp - horizontal mounting	95ACC2000
LMS-3	muting lamp - vertical mounting	95ACC2010
SU-LMS-1A	basic module for LMS-1	95ACC2020
SU-LMS-1B	tower module for LMS-1	95ACC2030
SE-S 800	column and floor stand H=800 mm	95ACC1730
SE-S 1000	column and floor stand H=1000 mm	95ACC1740
SE-S 1200	column and floor stand H=1200 mm	95ACC1750
SE-S 1500	column and floor stand H=1500 mm	95ACC1760
SE-S 1800	ground support H=1800 mm	95ACC1770
SE-SR2	type 4 safety relay - 3 NO 1NC	95ACC6170
ST-KSF2	anti-scratch fixing bracket - 4 pcs kit	95ACC2320
ST-KSF2STD	SF2 fixing bracket - 12 pcs kit	95ASE1020
ST-KSF2-40R	SF2 orientable supports - 4 pcs kit	95ACC2580
ST-KSF2-60R	SF2 orientable supports - 6 pcs kit	95ACC2590
ST-KSTD	SE fixing bracket - 4 pcs kit	95ACC1670
ST-KP4MP	SE plastic fixing bracket - 4 pcs kit	95ASE1100
ST-KP6MP	SE plastic fixing bracket - 6 pcs kit	95ASE1110
ST-K4AV	anti-vibration supports - 4 pcs kit	95ACC1700
ST-K6AV	anti-vibration supports - 6 pcs kit	95ACC1710
ST-K4OR	orientable supports - 4 pcs kit	95ACC1680
ST-K6OR	orientable supports - 6 pcs kit	95ACC1690
TP-14	test piece Ø 14 mm	95ACC1630
TP-20	test piece Ø 20 mm	95ACC1640
TP-30	test piece Ø 30 mm	95ACC1650
TP-35	test piece Ø 35 mm	95ACC1660
TP-40	test piece Ø 40 mm	95ASE1820
TP-50	test piece Ø 50 mm	95ASE1790
TP-90	test piece Ø 90 mm	95ASE1800