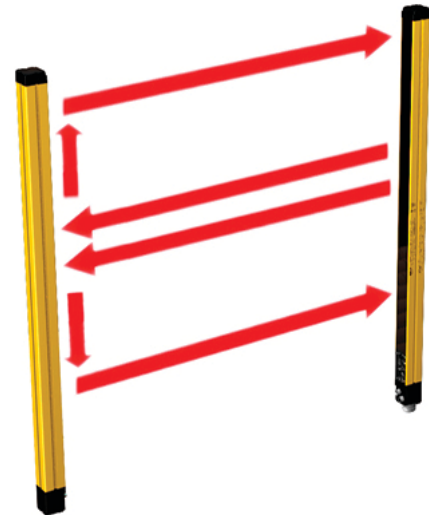


SAFETY LIGHT CURTAINS

JANUS M TRX - MI 2B TRX

Built-in muting function. They are composed of an active element and of a passive retro-reflector element. It features dedicated connections for connecting external muting sensors. Built-in override function.



Certifications:



Technical data:

Family	JANUS M TRX -
Code	1360680
Safety level (SIL / PL)	Type 4 - SIL 3 - SILCL 3 - PL e - Cat. 4
Detection	Access control
Height of protected area (mm)	510
Number of beams	2
Max. length of the connection cables (m)	100
Connections	19 poles M23 connector, 5 poles M12 connector (muting sensors)
Power supply (VDC)	24 ± 20%
Operating Range (m)	Up to 6
Response time (ms)	10
Light curtain status and weak signal	PNP - 100 mA at 24 VDC
Safety outputs	2 fail-safe PNP - 500 mA at 24 VDC with protection against short circuit, overload and reverse polarity
Safety functions	Integrated
Muting Function	Built-in
Max. muting time-out	30 sec. or 90 min. selectable - 30 sec. or infinite models with 4 sensors
Max. override time-out	15 min
Muting logic	Two-way with 2 or 4 sensors, one-way with 2 sensors
Restart	User-selectable automatic or manual
Muting sensors	with relay or PNP DARK-ON output
Blanking function	No
CCF (ISO 13849-1)	80%
system MTTFd (ISO 13849-1) years	100
PFHd (IEC 61508)	4,83E-09
Degree of protection	IP 65
Operating temperature (°C)	From -10 to 55
Cross section dimensions (mm)	50 x 60
Overall height (mm)	776
Master Slave Models	no
Packaging dimensions W x H x L (mm)	195 x 135 x 830

Gross weight (Kg)

5,4

Enclosures

None

Accessories:

[CABLES CJ 95](#)

[CABLES CJM 9](#)

[CABLES CJ 3](#)

[CABLES CJ 5](#)

[CABLES CJ 10](#)

[CABLES CJ 15](#)

[CABLES CJ 20](#)

[CABLES CJ 20L2](#)

[CABLES CJ 30](#)

[CABLES CJ 30L2](#)

[CABLES CJ 35](#)

[CABLES CJM 23](#)

[CABLES CJ 50](#)

[CABLES CJBR 3](#)

[CABLES CJBR 5](#)

[CABLES CJBR 10](#)

[FMC B2](#)

[FMC S2](#)

[FMC SB2](#)

[FMC B2R](#)

[MJB 1 Connection box](#)

[MJB 3 Connection box](#)

[LASER ALIGNMENT LAD 3](#)

[ACCESSORIES BRACKETS SFB 4J](#)

[ACCESSORIES SP 600 S](#)

Related products:

[MOSAIC MR2](#)

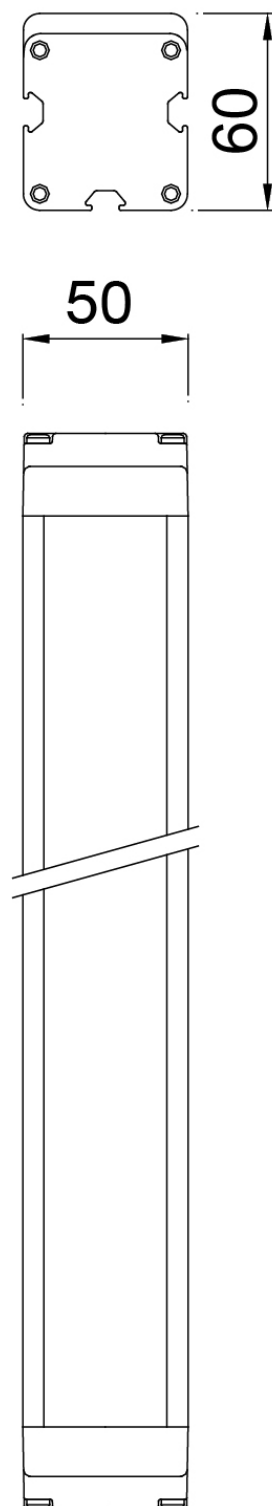
[Safety relay modules AD SR0 - For devices with integrated EDM](#)

[Safety relay modules AD SR0A - For devices with integrated EDM](#)

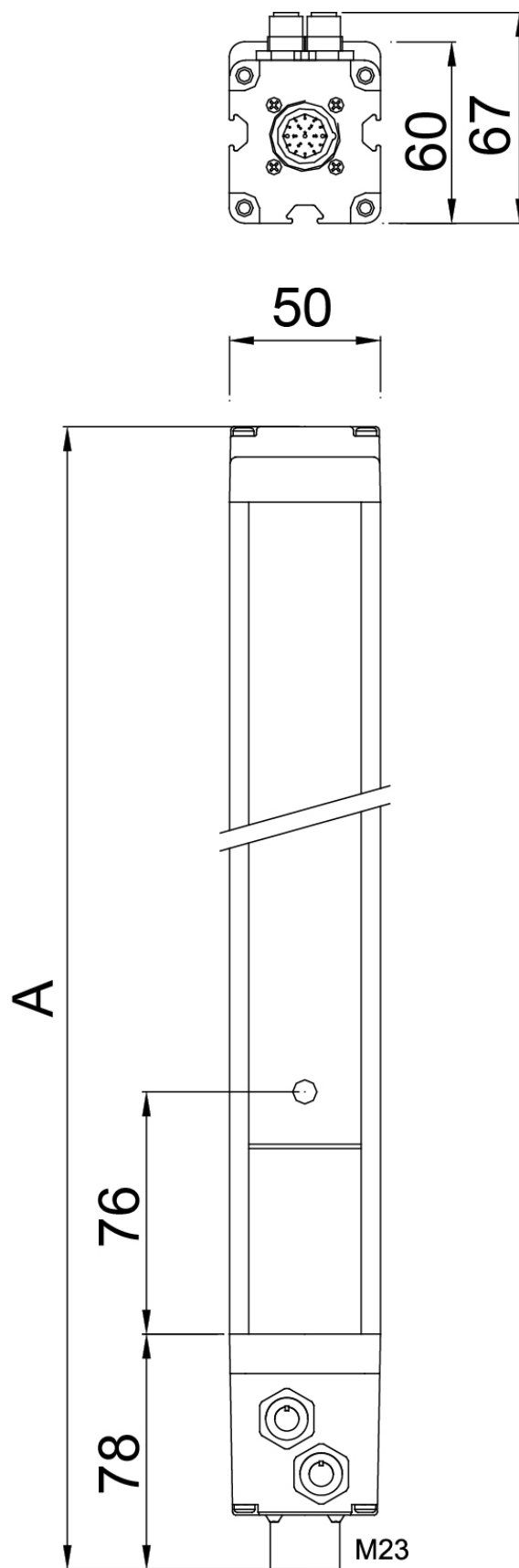
See technical drawing in the next page.

Technical drawing:

A = 776 mm



Passive Element



Active Element