

SAFETY LIGHT CURTAINS

JANUS M - ML 3B

Built-in muting function in one-way mode. System of horizontal arms (one for the Emitter and one for the Receiver) with built-in muting sensors with crossed beams. Built-in override function.



Certifications:



Technical data:

Family	JANUS M -
Code	1360021
Safety level (SIL / PL)	Type 4 - SIL 3 - SILCL 3 - PL e - Cat. 4
Height of protected area (mm)	810
Detection	Access control
Number of beams	3
Power supply (VDC)	24 +/- 20%
Max. length of the connection cables (m)	100
Connections	5 poles M12 connector (emitter), 19 poles M23 connector (receiver), 5 poles M12 connector (muting sensors)
Operating Range (m)	from 1 to 2,5
Response time (ms)	7
Safety outputs	2 fail-safe PNP - 500 mA at 24 VDC with protection against short circuit, overload and reverse polarity
Light curtain status and weak signal	PNP - 100 mA at 24 VDC
Safety functions Start / Restart and EDM	Built-in
Muting sensors	2 optoelectronic, built-in, pre-aligned and pre-wired
Restart	User-selectable automatic or manual
Muting logic	One-way with 2 sensors
Max. override time-out	15 min
Max. muting time-out	30 sec. or 90 min. selectable
Muting sensor field	Adjustable height and tilting
Muting Function	Built-in with horizontal arms
Blanking function	No
CCF (ISO 13849-1)	80%
MTTFd (ISO 13849-1) years	100
PFHd (IEC 61508)	7,70E-09
Degree of protection	IP 65
Operating temperature (°C)	From -10 to 55
Cross section dimensions (mm)	50 x 60
Overall height (mm)	1076

Master Slave Models	no
Protective enclosures	no
Packaging dimensions WxHxL (mm)	180x170x1280
Gross weight (Kg)	10,4

Accessories:

[CABLES CD 5](#)
[CABLES CD 10](#)
[CABLES CD 15](#)
[CABLES CD 20](#)
[CABLES CD 25](#)
[CABLES CD 50](#)
[CABLES CDM 9](#)
[CABLES CJBE 3](#)
[CABLES CJBE 5](#)
[CABLES CJBE 10](#)
[CABLES CJBE 25](#)
[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 CJBR 3](#)
[CABLES CJBR 5](#)
[CABLES CJBR 10](#)
[CABLES CJM 23](#)
[FMC B12 SUPPORT COLUMN FOR LIGHT CURTAINS](#)
[FMC B18 SUPPORT COLUMN FOR LIGHT CURTAINS](#)
[MJBOX MJB 1 Connection box](#)
[MJBOX MJB 3 Connection box](#)
[LASER ALIGNEMENT LAD 3](#)
[ACCESSORIES BRAKETS SFB 4J](#)

Related products:

[MOSAIC MR2](#)
[Safety relay modules for devices with integrated feedback input for EDM - AD SR0](#)
[Safety relay modules for devices with integrated feedback input for EDM - AD SR0A](#)

See technical drawing in the next page.

Technical drawing:

A = 1076 mm

