

JANUS MI 3B

Order Code: **1360661**

Access Control Safety Light Curtain with Integrated Muting Function. Automatic/Manual Restart and EDM



Safety level

Type 4 - PL e

Protected height (mm)

810

Resolution (mm)

Multi-beams

Max. range (m)

16

Restart

Built-in - User selectable automatic or manual

Functioning system

Emitter / Receiver

Muting Function

Integrated

Technical Description

Safety Light Curtain: Type 4, SIL 3, SILCL 3, PL e, Cat. 4

Cross Section: 50 x 60 mm

Hardware configuration: no programming necessary, easy to install and replace

Configuration through main connector

Allows the installation of external Muting sensors

M12 connectors for external Muting sensors, with operating logic with 2 or 4 sensors

Unshielded cables up to 100 m can be used to connect the Safety Light Curtain

What's in the Box: Emitter, Receiver and Standard Fastening Brackets

Features

Safety level	Type 4 - PL e
Protected height (mm)	810
Resolution (mm)	Multi-beams
Max. range (m)	16
Restart	Built-in - User selectable automatic or manual
Functioning system	Emitter / Receiver
Safety level (SIL / PL)	Type 4 - SIL 3 - SILCL 3 - PL e - Cat. 4
Operating temperature (°C)	0 ... 55
Response time (ms)	7
Number of beams	3
Max. length of the connection cables (m)	100
Muting Function	Integrated
Muting logic	T (Two way) logic with 2 or 4 sensors crossed or parallel beams. L (One way) logic with 2 sensors crossed or parallel beams
Max. override time-out	15 min.
Max. Muting time-out	30 sec. or 90 min. selectable - 30 sec. or infinite models with 4 sensors
Muting sensors	with relay or PNP DARK-ON output
Signalling	7 segment display and LEDs for diagnostics, light curtain's status and Muting sensors status

Safety output type	2 fail-safe PNP (500 mA at 24 VDC) with protection against short circuit, overload and reverse polarity
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Connections	M12 5-pole connector (emitter), M23 19-pole connector (receiver), M12 5-pole connector (Muting sensors)
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MTTFD (ISO13849) years	100
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PFHD (IEC 61508)	7,70E-09
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Safety outputs	2 fail-safe PNP (500 mA at 24 VDC)
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Safety functions	Integrated
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Detection	Access control
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Overall height receiver or TRX active element (mm)	1076
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Overall height emitter or TRX passive element (mm)	1036
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Protective enclosures	None
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Packaging dimensions HxLxW (mm)	145 x 1120 x 200
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Product class	C
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Custom tariff	85365019
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Electrical data

Power supply (VDC)	24 ± 20%
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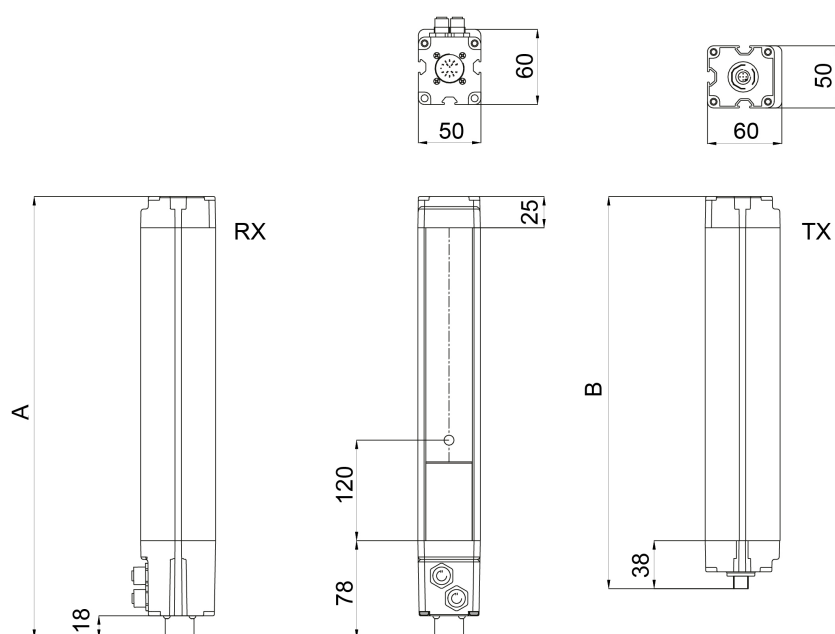
Mechanical data

Cross section dimensions (mm)	50 x 60
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Degree of protection	IP65
Fastening	Back slot, side slot with set of LL type brackets (included). SFB 4J swivel brackets (optional)
Gross weight (g)	7031

Technical drawings



Certificates

