

AB1-M3 LED SIGNAL LAMP

Zones 1, 2, 21, 22

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ATEX VISUAL SIGNALLING DEVICES

ZONES 1, 2 (gas) & 21, 22 (dust)



The signal lamp type AB1-M3 reliably indicates signal status on machines and systems in hazardous areas in zone 1/2 and zone 21/22.

The high degree of IP protection and the corrosion resistant stainless steel housing guarantee a long service life, even under aggressive environmental conditions.

Due to the flat design and rounded edges, the signal lamp offers little surface for external damage and dirt deposits.



EU-Type Examination Certificate

ITEM REFERENCES

Designation:	Color:	Cable length:	Item No.:
AB1-M3-R0-1	Red	1,5m	3A0101
AB1-M3-Y0-1	Yellow		3A0102
AB1-M3-G0-1	Green		3A0103
AB1-M3-W0-1	White		3A0104
AB1-M3-B0-1	Blue		3A0105
AB1-M3-RG-1	Red/Green		3A0106
AB1-M3-R0-2	Red	3m	3A0201
AB1-M3-Y0-2	Yellow		3A0202
AB1-M3-G0-2	Green		3A0203
AB1-M3-W0-2	White		3A0204
AB1-M3-B0-2	Blue		3A0205
AB1-M3-RG-2	Red/Green		3A0206
AB1-M3-R0-3	Red	5m	3A0301
AB1-M3-Y0-3	Yellow		3A0302
AB1-M3-G0-3	Green		3A0303
AB1-M3-W0-3	White		3A0304
AB1-M3-B0-3	Blue		3A0305
AB1-M3-RG-3	Red/Green		3A0306
AB1-M3-R0-4	Red	10m	3A0401
AB1-M3-Y0-4	Yellow		3A0402
AB1-M3-G0-4	Green		3A0403
AB1-M3-W0-4	White		3A0404
AB1-M3-B0-4	Blue		3A0405
AB1-M3-RG-4	Red/Green		3A0406

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CONNECT and ACT - Due to the approval as a device, the signal lamp can be installed in the front of a machine in the Ex zone without further certification. The low installation depth enables a particularly space-saving use.

The indicator light has also been tested in order to be installed in certified control panels of types of protection Ex e and Ex t.



TECHNICAL SPECIFICATIONS

Marking:	 II 2G Ex db eb IIC T6 Gb  II 2D Ex tb IIIC T85°C Db
Certificate:	EU-Type Examination Certificate
Operating temperature:	-20°C to +60°C
Operating voltage:	24 V DC +-10 %
Current consumption:	max. 15 mA
Fuse:	63 mA
Flying lead:	3 x 0.5 mm ² Ø 5.1 mm
Electrical connection:	(1) Grey = 0 V (2) Brown = 24 V DC red (3) Black = 24 V DC gn
Material housing:	Stainless steel 1.4305
Material lens:	Polycarbonate
Sealing:	EPDM
Ingress protection:	IP65
Impact resistance:	7 Nm / 4 Nm (lens)
Mounting hole:	22.0 ... 22.3 mm / M22 x 1.5
Torque:	8 Nm
For housing thickness:	1.0 ... 15.0 mm
Weight:	100 gr (1.5 m)
Scope of delivery:	Includes a plastic lock nut

