

AB1-E3 M30 EMERGENCY STOP

Zones 1, 2, 21, 22

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ATEX CONTROL STATIONS

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

The Emergency Stop AB1-E3 ensures safe and reliable shutdown of machines and systems in hazardous areas classified as Zones 1/2 and 21/22. Equipped with up to three switching contacts, it allows for secure disconnection while providing additional feedback functionality.

Built for durability, the Emergency Stop features a corrosion-resistant stainless steel housing and a high IP protection rating, guaranteeing long service life even in aggressive or demanding environmental conditions.

CONNECT and ACT - Certified for use as a device, the Emergency Stop can be installed directly on the front of a machine within Ex zones without requiring additional approvals. Its compact design with a low installation depth facilitates space-saving integration. Additionally, the Emergency Stop has been rigorously tested and approved for installation in certified control panels designed with Ex e and Ex t protection types.

The delivery package includes a plastic lock nut.





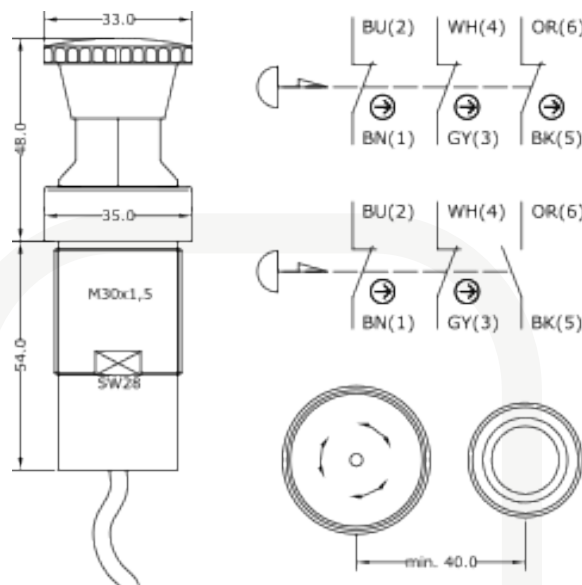
EU-Type Examination Certificate

ITEM REFERENCES

Designation:	Contacts:	Cable length:	Item No.:	Designation:	Contacts:	Cable length:	Item No.:
AB1-E3-2301 10	3x positive breaking contact	1,5 m	3A1201	AB1-E3-2101 10	2x positive breaking contact 1x normally open contact	1,5 m	3A1205
AB1-E3-2301 20		3 m	3A1202	AB1-E3-2101 20		3 m	3A1206
AB1-E3-2301 30		5 m	3A1203	AB1-E3-2101 30		5 m	3A1207
AB1-E3-2301 40		10 m	3A1204	AB1-E3-2101 40		10 m	3A1208

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 +55°C
Operating voltage:	24 VDC / 230 VAC double insulated
Current consumption:	max. 1 A
Flying lead:	6 x 0.5 mm ² Ø 6.9 mm
Electrical connection:	(1) brown = com 1 (2) blue = NC 1 (3) grey = com 2 (4) white = NC 2 (5) black = com 3 (6) orange = contact 3
Electric life:	10.000 switching cycles
Housing:	Stainless steel 1.4305
Mechanical life:	1.0 E + 08 switching cycles
Sealing:	EPDM
Ingress protection:	IP66
Impact resistance:	7 Nm
Mounting hole:	30.0 ... 30.3 mm / M30 x 1.5
Torque:	8 Nm
For housing thickness:	1.0 ... 15.0 mm
Weight:	350 gr (1.5 m)



ACCESSORIES

Description:	Item No.:
Earthing set (earth lug + nut)	226550