

AB1-K3 KEY SWITCH

Zones 1, 2, 21, 22

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CONTROL & CONNECTION EQUIPMENT

STAINLESS STEEL ATEX DEVICES

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

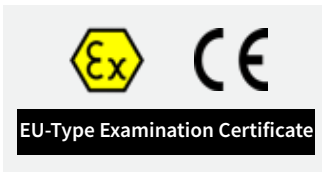
The key switch type AB1-K3 is used to control machines and systems in hazardous areas of zones 1/2 and zones 21/22. The product range includes selector switches and rotary switches with 2 steps. His high degree of IP protection and the corrosion-resistant stainless steel housing guarantee a long service life even under aggressive environmental conditions.

Due to it's flat design and rounded edges, the potentiometer offers little surface for external damage and dirt deposits. The engraved scale in an elegant design guarantees optimal durability even under aggressive conditions.

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

This key switch has also been tested in order to be installed in Ex e and Ex t control panels.

A plastic lock nut is included in the scope of delivery.



ITEM REFERENCES - 2 STEPS				
Designation:	Operating function	Cable lenght:	Marking:	Item No.:
AB1-K3-21111	All steps latching	1,5 m	0 - 1	3A1501
AB1-K3-21112		3 m		3A1502
AB1-K3-21113		5 m		3A1503
AB1-K3-21114		10 m		3A1504

TECHNICAL SPECIFICATIONS	
	2-position selector switch (1NO each position)
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 VDC
Rated current:	max. 150 mA
Electric life:	2.5 E + 04 (24 VDC 150 mA)
Flying lead:	4G0.5 mm ² Ø5.7 mm
Housing:	Stainless steel 1.4305
Sealing:	EPDM
Ingress protection:	IP66
Impact resistance:	7 Nm
Mounting hole:	22.0 ... 22.3 mm / M22 x 1.5
Torque:	8 Nm
For housing thickness:	1.0 ... 15.0 mm
Weight:	215 gr (1.5 m, 2-position)

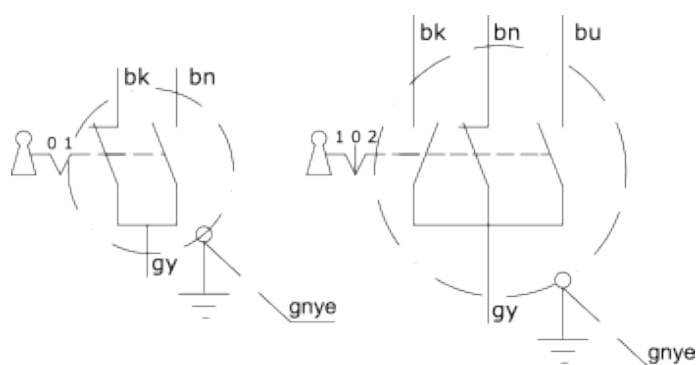
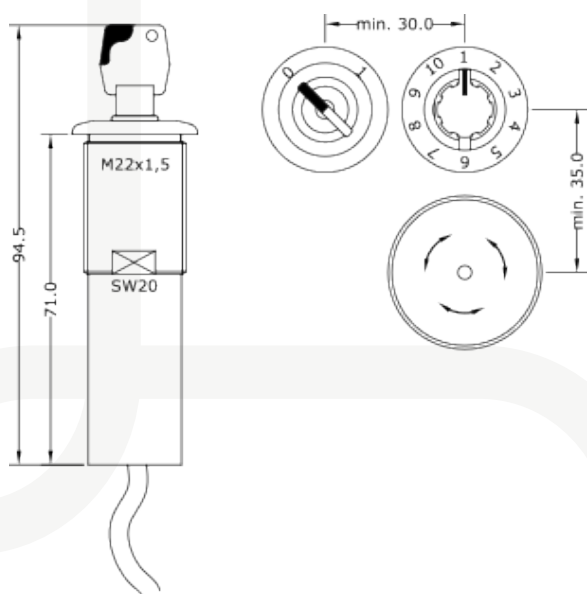
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ACCESSORIES

Description:	Item No.:
Earthing set (earth lug + nut)	216742
Stopping plug M22 x 1.5 VA	216751



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