

# AB1-W3 SELECTOR SWITCH

Zones 1, 2, 21, 22

Full catalogue available on our website: [www.inpratex.com](http://www.inpratex.com)

## STAINLESS STEEL ATEX DEVICES

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

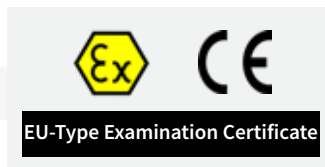
The selector switch type AB1-W3 is used to control machines and systems in hazardous areas of zones 1/2 and zones 21/22. The product range includes selector switches and rotary switches with up to 10 steps. Its high degree of IP protection and the corrosion-resistant stainless steel housing guarantee a long service life even under aggressive environmental conditions.

Due to its flat design and rounded edges, the selector switch 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 selector switch can be installed in the front of a machine without further certification. The low installation depth enables a particularly space-saving use.

This selector 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:	Contacts:	Cable length:	Marking:	Item No.:	
AB1-W3-2111 1	All steps latching	2x1NO / 90°	1,5 m	0 - 1	3A1401	
AB1-W3-2111 2			3 m		3A1402	
AB1-W3-2111 3			5 m		3A1403	
AB1-W3-2111 4			10 m		3A1404	
AB1-W3-2111 1		2x1NO / 90°	2x1NO / 90°	1,5 m	1 - 2	3A1401A
AB1-W3-2111 2				3 m		3A1402A
AB1-W3-2111 3				5 m		3A1403A
AB1-W3-2111 4				10 m		3A1404A

### ITEM REFERENCES - 3 STEPS

Designation:	Operating function	Contacts:	Cable length:	Marking:	Item No.:
AB1-W3-3111 1	All steps latching	3x1NO / 60°	1,5 m	1 - 0 - 2	3A1420
AB1-W3-3111 2			3 m		3A1421
AB1-W3-3111 3			5 m		3A1422
AB1-W3-3111 4			10 m		3A1423

### ITEM REFERENCES - 10 STEPS

Designation:	Operating function	Contacts:	Cable length:	Marking:	Item No.:
AB1-W3-1111 1	All steps latching		1,5 m	1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10	3A1440
AB1-W3-1111 2			3 m		3A1441
AB1-W3-1111 3			5 m		3A1442
AB1-W3-1111 4			10 m		3A1443

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TECHNICAL SPECIFICATIONS			
	2-position selector switch (1NO each position)	3-position selector switch (1NO each position)	10-position rotary 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 <sup>2</sup> Ø5,7 mm	5G0.5 mm <sup>2</sup> Ø 6,2 mm	12G0.5 mm <sup>2</sup> Ø 8,9 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:	180 gr (1.5 m, 2-position)		

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

