

ATEX Actuating drive BC-PSA Mining, coated for usage in firedamp-areas

Description

Double-piston-actuator, pneumatic double acting or single acting with spring reset, prior usage is actuation of flaps and ball valves.

The actuating drives need low maintenance. Harsh ambient conditions, polluted air or unconventional use may lead to abrasion of the seal.

The actuating drive is pilot controlled via a 3/2-way or a 5/2-way pilot valve. (e.g. BC-0821716 brass DMT 02 ATEX E 089)

Standardised interface for solenoid valves acc. to NAMUR.

Dimensions acc. to DIN ISO 5211.



Specifications

Design:	Double-piston actuating drive double- / single- acting
Connection:	Namur-interface
Working pressure:	6 bar
Direction of flow:	Determined
Control medium:	Filtered, oil-free air acc. to DIN ISO 8573-1 / class 4
Ambient temperature:	-20°C up to +65°C standard

Materials

Housing:	Aluminium alloys, epoxy
Cap:	Aluminium alloys, epoxy
Piston:	Aluminium alloys
Driver:	Steel, nickel-plated
Seal:	NBR
Storages:	Synthetic

Explosion protection:	⊕ 94 / 9 / EG
Machinery directive:	⊕ 98 / 37 / EG
Certificate:	ATEX 98, ExVo ⊕ I M2 GD c

Flap

Housing:	GGG 40 max medium pressure 16 bar
Disk:	Steel or stainless steel
Collar:	EPDM, NBR

Flow media:	Neutral, gaseous, liquids, dust or semifluid media.
Size:	DN 50 - DN 300

Ball valve

Housing:	Brass, steel, stainless steel
Connection:	G4"
Heavy model, low maintenance, full bore. Inner screw thread DIN 2999. Ball valves are available in pipe collar and flange.	



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


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