

A module of the
system bar-vacotrol

Type valve & switch

Position indicator with integrated solenoid valves for pneumatic actuators



Product description

The position indication with integrated solenoid valves has a self-adjusting end-position monitoring. By assembling direct onto quarter-turn actuator actubar there is only need for the electric connection and the air supply. The compressed air will be pressed directly into the actuator chambers by holes on the actuator top side. Assembling as per VDI/VDE 3845 or VDI/VDE 3847 is possible also.

Technical data position indicator bar-valve&switch

Technical data	
Materials	Housing: Aluminium die casting, epoxy coated Screws: Stainless steel A2 Viewing Glass: PC
Pivoting angle	Up to 180°
Mounting position	random
Protection type	IP 67
Ambient temperature	-10 °C to +50 °C
Cable	ø 7-13 mm
Air connection	G1/8"
Operating pressure	2 – 8 bar
Actuating medium / Quality	Filtered air in consideration of residual oil-, -dust and -water, content minimum as per DIN ISO 8573 – class 4
Flow rate	approx. 250 l/min
Micro switch	Type M2
	Voltage / continuous current DC to 120 Volt/4A AC to 250 Volt/16A
Contacts	Silver / Nickel plated
Switching function	Changer
Inductive switch	Type D2 , direct switching, 3-wire technology
	Voltage range 10 V - 36 V/DC Continuous current 200 mA Switching function Plus switching, PNP closer, in end position damped or undamped
	Type D2 , direct switching, 2-wire technology
Inductive switch	Voltage range 5 V - 36 V/DC Continuous current 200 mA Switching function PNP/NPN – closer/opener programmable

Technical data pneumatic actuator actubar

See brochure „actubar – The intelligent actuator“

Product features

- Direct and compact assembling onto actubar
- Self-adjusting end-position monitoring
- Optical position indication
- Adjustable throttles, accessible from outside

Special versions

- Higher flow rate
- redundant configuration of solenoid valves
- Manual override

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