

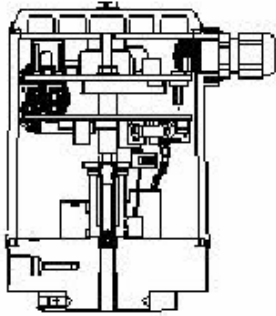


Badger Meter Europa

Digital positioner Type 8048

Compact digital positioner for pneumatic control valves with linear or rotary actuators

- By integrating the positioner into the valve actuator, no moving parts (return stroke) are accessible from the outside.
- Contactless stroke feedback (inductive sensor).
- No steady-state air consumption.
- Self-adapting to valve actuator.
- Configuration by PC-software.
- LONWorks[®] fieldbus compatible version.
- Not sensitive to vibrations.
- Instrument grade air not essential.
- Available with stainless steel casing.
- Protection class IP 65.



Technical information

Set point signal	0/4 – 20mA, 0/2 – 10V, LON-fieldbus connection (option)
Supply energy, electrical	24 VDC
Supply energy, pneumatical	3 – 6 bar
Air supply connection	G 1/8"
Adaption to range and zero	Self-learning
Configuration	With PC-software (see below)
Air delivery (at 6 bar supply pressure)	30 NI/min. 100 NI/min. (option)
System air consumption	None
Ambient temperature limits	-10 to 75°C
Class of protection acc. DIN 40050	IP65

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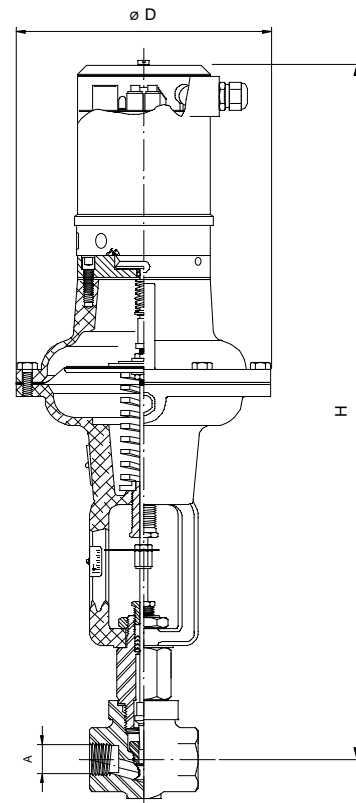
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Materials

Casing	PA 6.6 Polyamid Stainless steel 1.4305 (option)
Ground plate	Aluminium, black anodised Stainless steel 1.4305 (option)

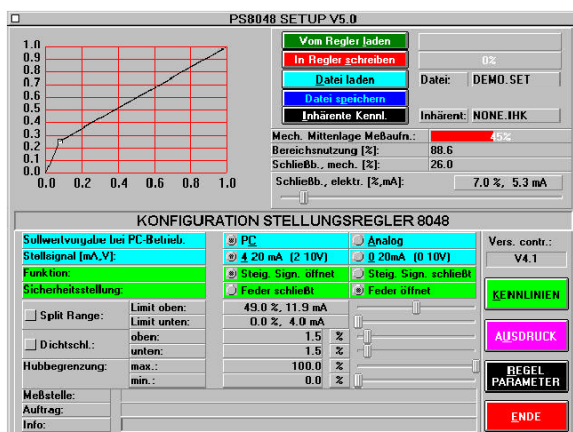
Valve dimensions

	A inch	D mm	H ca. mm
Standard valve RC200	1/4"	130	385
	1/2"	163	450
	3/4"	163	475
	1"	163	475



Configuration software – setup parameters

Adjustment of function parameters; loading, saving and printing the SETUP-file; check of self adaptation the



Configuration software – flow characteristic functions

Adjustment of flow and display of various flow related functions.

