

CONTROL HEAD SWITCH

024.63 - 024.89

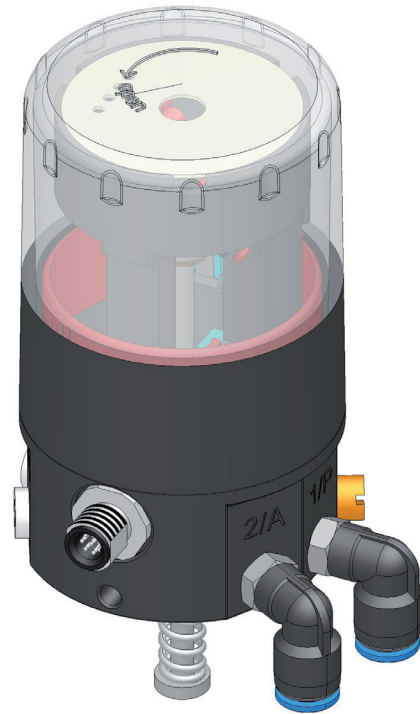
The SED electrical control head is an innovative development based on years of experience in manufacturing electrical accessories for process valves. Depending on the version, the electrical control head provides signals for both open and closed positions of the valve and includes an integral solenoid valve for a direct air line connection to the actuator.

FEATURES

- Self adjusting
- Circumferential catch the eye optical indicator representing the full stroke
- Ease of assembly and may be assembled with the valve actuator in the field
- Time saving electrical interface via pre-wired pin or a Bus-connection
- Compact design
- Position feedback versions with electromechanical switch, inductive initiators Namur or PNP and AS-Interface
- Suitable for mounting on linear valves
- Depending on the specification, LED indication is available

Optional:

- Integral solenoid valve with direct air line connection to actuator
- Stroke limiter for the valve stroke adjustment



TECHNICAL DATA

Control Head

Material Housing	POM
Material Cap	PC
Material Sealing	NBR
Ambient Temperature	-10°C bis +50°C
Protection Class	IP 65 acc. EN 60529

Pilot Valve

Control Medium	Air class 3 according DIN ISO 8573-1 (Particle size ≤ 5µm)
Control Air Connection	G1/8
Supply Pressure	3-10 bar
Flow QNn	230 l/min
Voltage Tolerance	±10%

New!

Increased air flow rate!
230 NI/min (to date 40 NI/min)

2 Pilot Valves possible for all types!

DETAILS BY TYPE

Type	024.63 Micro Switches	024.64 Namur Sensors	024.65 3 Wire PNP Sensors	024.89 AS-Interface
Power Supply	5 - 30 VDC 5 - 26 VAC	8 VDC	10 - 30 VDC	29,5 - 31,6 VDC
Power Input	12 mA/DC±15% 9 mA/AC±20%	> 3 mA	0 - 100 mA	170 mA
Feedback	Micro Switches	Namur Sensors P&F NJ2-V3-N	3 Wire PNP Sensors P&F NBB2-V3-E2	Micro Switches
Optional Feedback				3 Wire PNP Sensors P&F NBB2-V3-E2
Number of Pilot Valves std.	0	0	0	1
Number of Pilot Valves max.	2	2	2	2
EMV acc.	DIN EN 6100-6-2	DIN EN 6100-6-2	DIN EN 6100-6-2	DIN EN 6100-6-2