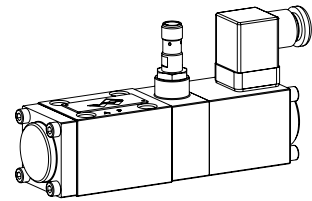


Solenoid operated poppet valve with additional inductive switching position monitoring

Flange construction

- ◆ 2/2- and 3/2-way
- ◆ normally open and normally closed
- ◆ $Q_{max} = 40 \text{ l/min}$
- ◆ $p_{max} = 350 \text{ bar}$

NG6
ISO 4401-03



DESCRIPTION

Solenoid operated poppet valve according to data sheet 1.11-2140 with additional inductive switching position monitoring. The contactless sensor transmits the poppet position to a step signal.

TYPE CODE

2/2 or 3/2 way execution		A		S	☐	2	06	☐	-	☐	-	☐	#	☐
International standard interface ISO														
Solenoid, Super														
2 way (connections)	2													
3 way (connections)	3													
2 switching positions														
Nominal size 6														
Normally closed	Solenoid on A-side	1a												
Normally open	Solenoid on B-side	0b												
Other type designation according to type code data sheet 1.11-2140														
Polarity /Signal output /Monitoring														
PNP / NO or NC	Solenoid on A-side	P1a	Solenoid on B-side	P1b										
NPN / NO	Solenoid on A-side	P2a	Solenoid on B-side	P2b										
Design index (subject to change)														

1.11-2142

GENERAL SPECIFICATIONS

Weight 2,25 kg

Sensor Specifications:	
Operating voltage	10...36 VDC
Signal current	max. 200 mA
Protection class	IP 68 According to the connection type, the protection class of the valve can be lower, see data sheet 1.11-2140
Dimensions	M12 x 1
Ambient temperature	-25...+70 °C
Fastening torque	7,5 Nm

ACCESSORIES

Mating connector (plug female)

straight, screw terminal Article no. 219.2978

90°, screw terminal Article no. 219.3003

SURFACE TREATMENT

- ◆ The valve body is painted with a two component paint
- ◆ The solenoid, the flange and the cover are zinc-nickel coated
- ◆ The socket head screws are zinc coated

Note!



Other specifications, see data sheet 1.11-2140

ELECTRICAL CONNECTION

Type:	PNP, NO (Normally open) or NC (Normally closed)
Designation:	P1
Article no.:	205.5028
Device receptacle	M12, 4 pole male 1 = Supply voltage + 2 = Signal NC 3 = Supply voltage 0 VDC 4 = Signal NO Plus switched
Mating connector (not included in delivery)	M12, 4 pole female

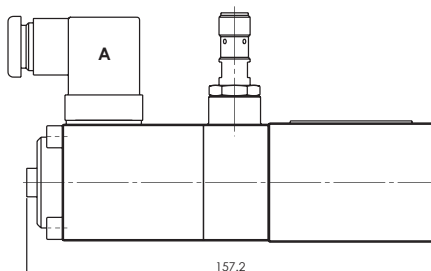
Type:	NPN, NO (Normally open)
Designation:	P2
Article no.:	205.5027
Device receptacle	M12, 4 pole male 1 = Supply voltage + 2 = Reserved for extensions 3 = Supply voltage 0 VDC 4 = Signal Minus switched
Mating connector (not included in delivery)	M12, 4 pole female

Signal characteristics

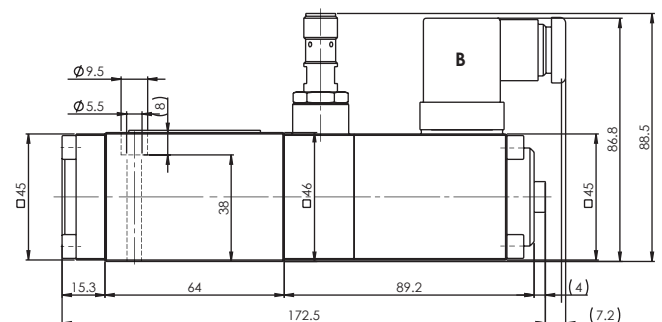
Signal of the actuator	Signal of the sensor	
	NO Normally open	NC Normally closed
A / B	S1	S1
0	0	1
1	1	0

DIMENSIONS

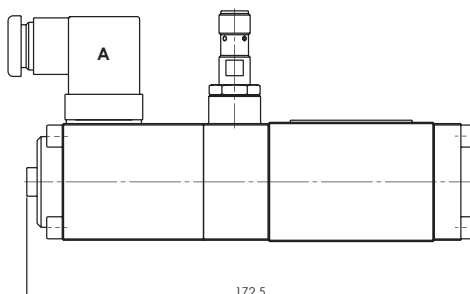
22061 (solenoid on A side)



22060 (solenoid on B side)



32061 (solenoid on A side)



32060 (solenoid on B side)

