

1: Valve sensor IX5010
2: Mounting adapter E11900



Made in Germany

Product characteristics
Rising stem valve sensor
Cable with connector

Electrical data

Electrical design

Operating voltage [V]

Current consumption [mA]

Protection class

Reverse polarity protection

Power-on delay time [ms]

Outputs

Output function

Voltage drop [V]

DC PNP

18...36 DC

< 42 (24 V)

III

yes

0...80

3 x normally open

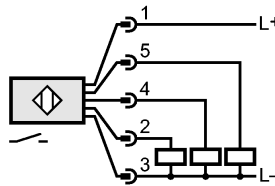
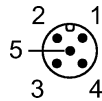
< 2.5

ZZ0214 - Rising stem valve sensor - eclass: 27220590 / 27-22-05-90

Current rating [mA]	100
Short-circuit protection	pulsed
Overload protection	yes
Range	
Resolution [mm]	0.2
Software / programming	
Programmable functions	3 switchpoints to be freely defined within the measuring range
Environment	
Ambient temperature [°C]	-25...85, firmly laid cable
Protection	IP 65 / IP 67 **)
Tests / approvals	
EMC	EN 61000-4-2 ESD: 4 kV CD / 8 kV CD EN 61000-4-3 HF radiated: 10 V/m (80...1000 MHz) EN 61000-4-4 Burst: 2 kV coupling clamp EN 61000-4-6 HF conducted: 3 V (0.15...80 MHz)
Mechanical data	
Housing materials	PA; TPE; PP (polypropylene); LCP; adapter: PA; Target: stainless steel 316L / 1.4404
Weight [kg]	0.493
Displays / operating elements	
Output status indication LED	green (open), yellow (seat), red (close)
Electrical connection	
Connection	PVC cable / 0.3 m; 5 x 0.14 mm ² ; with M12 connector

Wiring

- 4: OUT 3 open
- 5: OUT 1 seat
- 2: OUT 2 close



Accessories	
Accessories (included)	Fixing screws; O-ring; Mounting plate
Remarks	
Remarks	**) only in conjunction with an installation in the valve head that provides sufficient protection against mechanical damage of the sensor
Pack quantity [piece]	1
Other data	
Max. target speed [m/s]	1 cover yellow