

Reference Documents

This supplement 04 to operating instructions of type 1066 describes the peculiarities of the control head type 1066, Multipole 110 V AC, without communication, with 0 to 3 new 10 mm-valves with a integrated status-LED and 0 to 2 internally 110 V AC-two-wire proximity switches. All other technical facts are described in the complete operating instructions of type 1066.

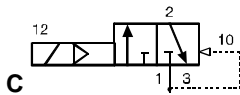
Special Version 04

In the special version 04 the new valves and new proximity switches operate at 110 V AC.

Technical Data of valves

Operating voltage	110 V AC
Voltage tolerance	± 20 %
Current consumption	Inrush 34 mA, Hold 10 mA
Power consumption	Hold 1.4 W; 1.2 W typically
Duty cycle	continuously rated 100 %
Switching status	LED on each valve
Qn value for air	110 l/min
Pressure range	2.5 to 7 bar
Solenoid valves	new 10 mm-valve
Number of valves	0 to 3 valves

Valve circuit function C (WWC)

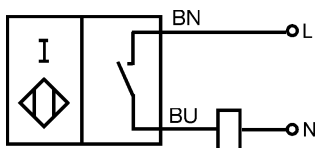


3/2-way-solenoid-valve, ser-voassisted, port 2 is in deener-gized position exhausted

Technical data of proximity switches

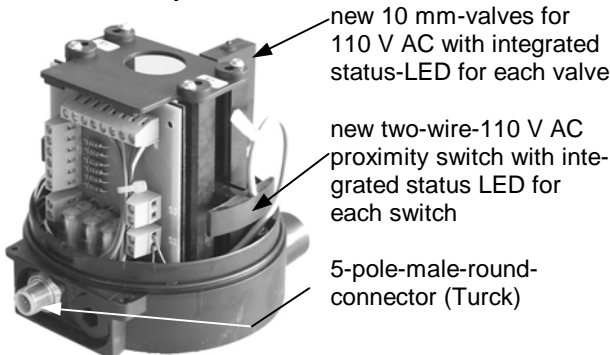
Sensor principle	inductive
Rated operating distance	4 mm
Switching function	Normally Open NO
Assured operating distance	0 to 3.24 mm
Number of switches	0 to 2 per control head
Operating voltage	110 V AC ± 20 %
Voltage drop	≤ 5 V
Operating current	5 to 200 mA
Off-state current	0 to 0.8 mA typically
Standard	EN 60947-5-2

Circuit symbol of proximity switch; NO; 110 V AC

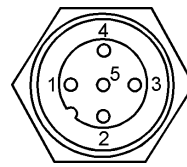


Inductive two-wire alternating current proximity switch (sensor)

Version with 5-pole-round connector for 0 or 1 valve

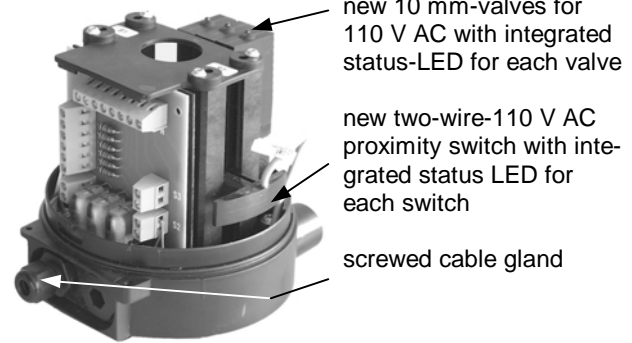


Electrical connections by 5-pole male-connector for 0 or 1 valve

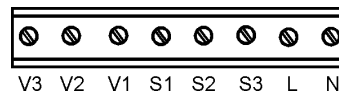


PIN	Connection	Color
1	S1: proximity switch 1	brown
2	N: common pole	white
3	S2: proximity switch 2	blue
4	L: common supply proximity switches	black
5	V1: activation valve 1	grey

Version with screwed cable gland for 2 or 3 valves



Electrical connections by screwed cable gland



connectors for 2 or 3 valves inside the control head

The electrical signals are connected by a screw terminal connector inside the control head. The cables are bushed by a screwed cable gland in the control head.

All connectors on the printed board

