



OPERATING AND MAINTENANCE INSTRUCTIONS/
SPARE PARTS

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• Remote indication

Solenoid (3)

When using the solenoid (Reed contact) for remote indication, the relevant regulations must be observed for systems within explosive environments.

The solenoid must then be connected to an intrinsically safe circuit.

Note: According to DIN 57165 or VDE 0165 a PTB approval of the solenoid is not required. (passive component)

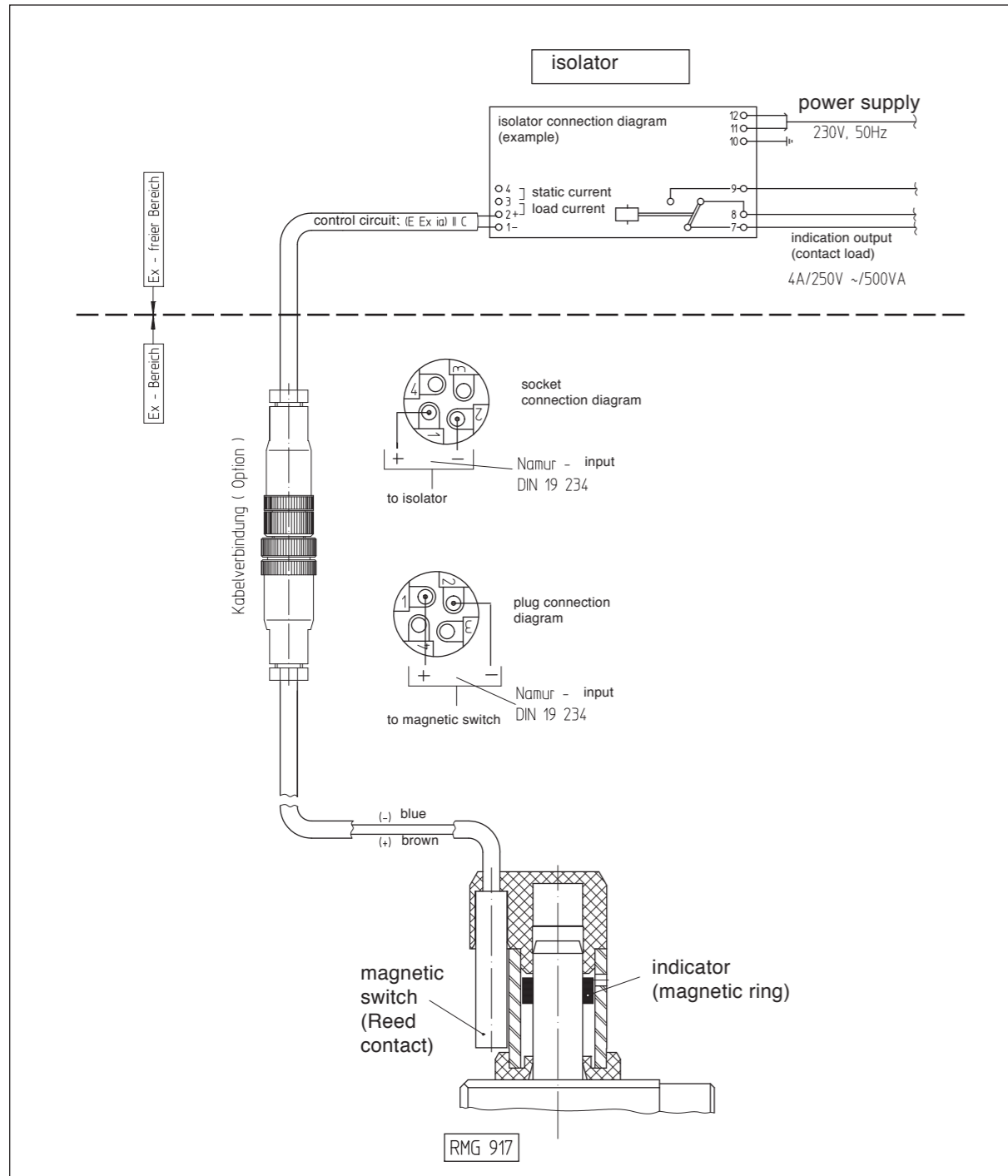
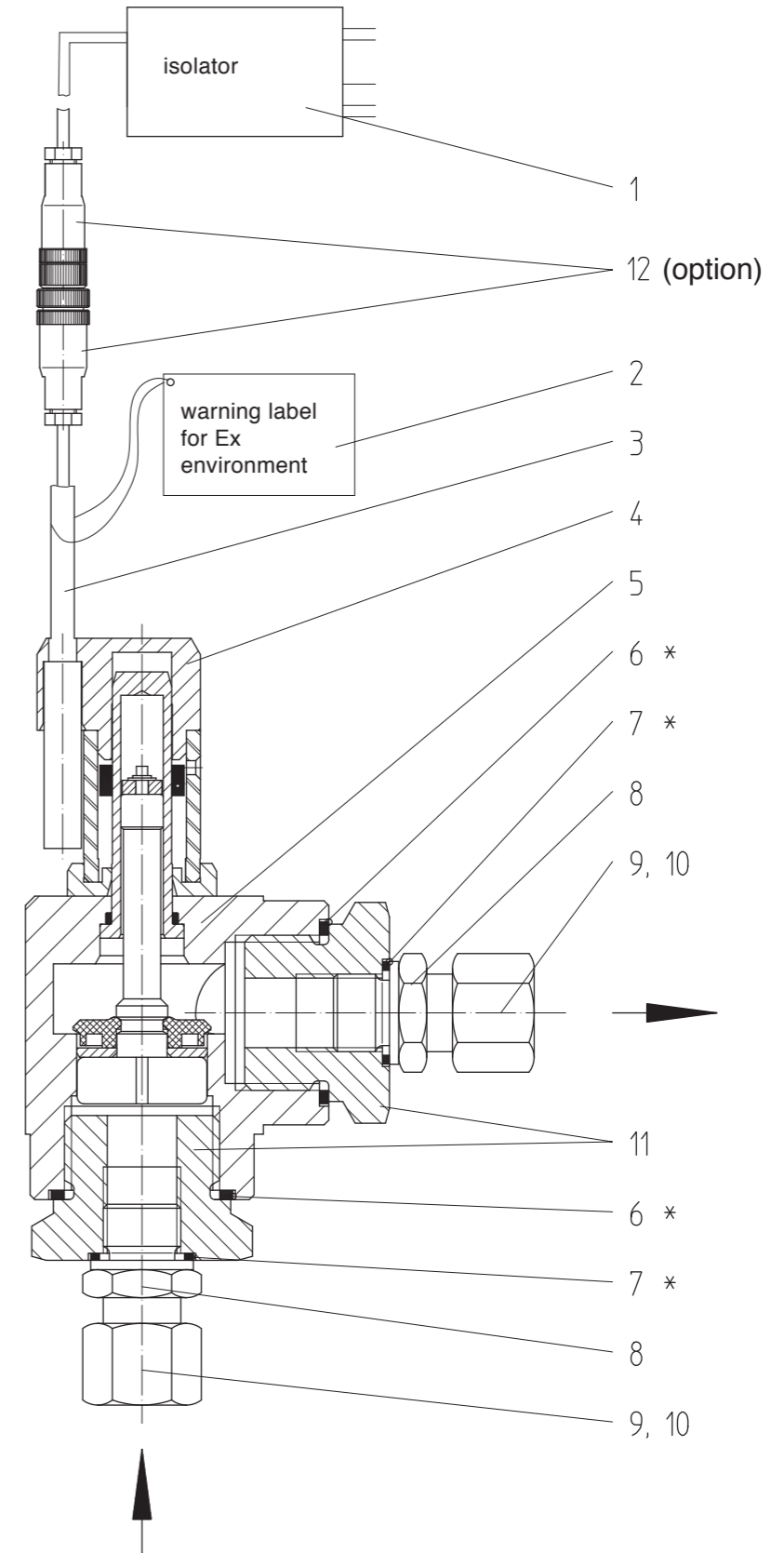


figure 2: connection diagram - remote indication

3. Spare parts

3.1 Spare part drawing monitoring device for gas leakages HON 917



* Parts should be kept in stock for maintenance purposes

3.2 Spare part list HON 917 Monitoring device for gas leakages

item no.	designation	material	part no.
1	insulating device		00 024 047
2	notice label	K	10 012 925
3	solenoid		00 024 077
4	indicator, pre-assembled		10 012 918
5	HON 917, pre-assembled		10 012 909
6*	sealing ring	LM	00 018 683
7*	sealing ring, optionally:		
-	- for connection E 10 and E 12	LM	00 018 688
-	- for connection E 20 and E 22	LM	00 018 706
	screw connection, optionally:		
-	- for connection E 10		
8	adapter	St	00 030 102
9	union nut	St	00 030 802
10	cutting ring	St	00 030 903
-	- for connection E 12		
8	adapter	St	00 030 104
9	union nut	St	00 030 805
10	cutting ring	St	00 030 904
-	- for connection E 20		
8	adapter	St	00 030 108
9	union nut	St	00 030 809
10	cutting ring	St	00 030 908
-	- for connection E 22		
8	adapter	St	00 030 150
9	union nut	St	00 030 810
10	cutting ring	St	00 030 909
-	- for connection E 25		
8	adapter	St	00 030 109
9	union nut	St	00 030 811
10	cutting ring	St	00 030 910
-	- for connection E 28		
8	adapter	St	00 030 153
9	union nut	St	00 030 812
10	cutting ring	St	00 030 911
11	distance piece, optionally:		
-	- for connection E 10 and E 12	St	10 018 397
-	- for connection E 20 and E 22	St	10 016 811
12	cable connection, complete (option), consisting of:	K/St	00 024 159
13	- cable plug	K/St	00 024 143
14	- cable socket	K/St	00 024 158

Parts marked with * should be kept in stock for maintenance purposes.

Material key:

St ... steel K ... plastic

LM ... light alloy

1. General

For the detailed information of the monitoring device for gas leakages HON 917 please refer to leaflet 917.00, containing technical specifications, designs, and dimensions.

For building, fitting, monitoring, and maintaining gas pressure control systems, the relevant national regulations, (for Germany the DVGW work sheets G 490, G 491, and G 495) should be observed.

The time intervals for maintenance of the monitoring device HON 917 depend largely on the operating conditions and the type of gas media used. Therefore, no fixed intervals can be stated.

During maintenance the components must be cleaned and checked carefully. This is still required even if irregularities are found during operation or functional tests. The checks must extend to diaphragms and seals and all moveable parts in particular.

The item numbers given in the special operating and maintenance notices correspond to those in the spare part drawing and spare part list.

It is recommended to keep the parts specially marked in the spare part list in stock for maintenance purposes.

2. Special operating notices

• installation

The monitoring device for gas leakages must be installed vertically.

indicator (4)

After a response of the preceding safety relief valve and the resulting tripping of the optical indicator of the HON 917 (yellow magnetic ring lies at the bottom of the indicator) the functional readiness of the monitoring device must be restored. This is done by lifting the complete indicator unit and sliding it back onto the aluminium shaft (see diagram below).

Note: The indicator must rest firmly on the base (5).

When the device is ready for operation, the yellow magnetic ring will "float" in the upper part of the indicator below the cap.

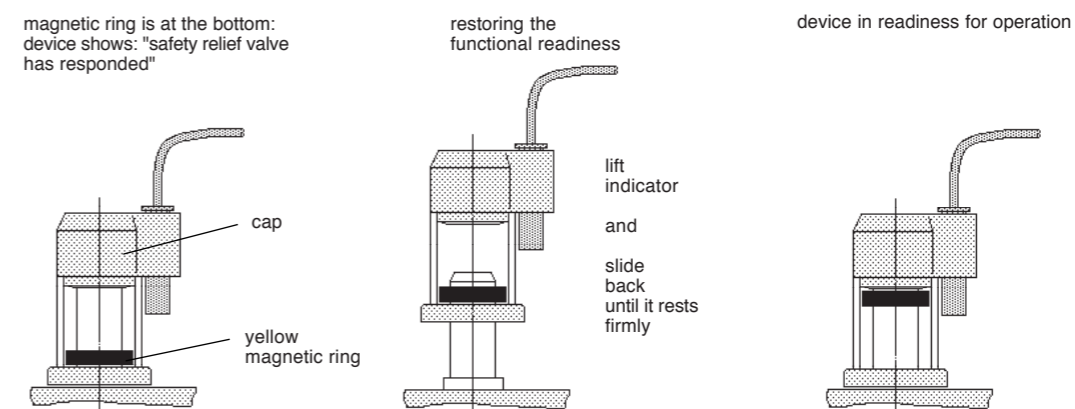


figure 1: optical indicator

For More Information

To learn more about Honeywell's
Advanced Gas Solutions, visit
www.honeywellprocess.com or contact
your Honeywell account manager

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