



Magnetically operated level switches

Selection table
Equipment for Magnetic Level Gauges type 710

Product group **740**

Type **-**

Sheet: 1/1 Revision: 5

Date: 05/04

Table Mechanical Data

Type	for Level Gauge 710.						Housing						Ingr. prot. EN 60529	Temperature			Vibration tolerance														
							Material		Dimensions					Ambient	ins.pipe																
	098/104	100/100.3/104/200/300	104.3	110/120	102/103/106	130/140/150/160	Alu	Makrolon	Pocan	SS	20x100	28x25		45x50	65x50	65x65	80x82	95x165	IP 54	IP 65	IP 67	-30 ... +70(90) °C *)	-40 ... +100 °C	-40 ... +120 °C	-65 ... +125 °C	-60 ... +200 °C	150/350 °C **)	150/400 °C **)	150/500 °C **)	0.5 g	3 g
740.0060	●	●	●	●	●	●	●	●							●					●											●
740.0061	●	●	●	●	●	●	●	●				●								●			●								●
740.0062	●	●	●	●	●	●	●	●					●							●			●								●
740.0064	●	●	●	●	●	●	●	●						●						●			●								●
740.0065	●	●	●	●	●	●	●	●							●					●			●								●
740.0066 1)	●								●	●									●			●									●
740.0200	●	●	●	●	●	●	●	●							●					●			●								●

Table Electrical Data, Ex-Classification

Type	Ex protection			Switch element	Switch							Switch cycles	Electr. connect.																		
	Ex d	Ex i	Ex m		Voltage			Current			Rupturing capacity		Silicon cable	PVC cable	Screw terminals																
					8,2 V= (DIN 19234)	230V~/230 V=	230V~/200 V=	250V~/200 V=	24 V~ bis 230 V~	0,4 mA/2,5 mA	10 mA=					1 A~/0,5 A=	2 A~	2 A~/2 A=	24 mA~ bis 2,5 A~	<< 1 W	1 W	30 VA/30 W	100 VA/40 W	100 VA	550 VA	> 10 ⁵	> 10 ⁶	> 10 ⁷			
740.0060		○		Reed switch, SPST					●										●												●
740.0061		○		Rotate switch, SPDT					●											●											●
740.0062			●	Triac					●											●											●
740.0064		○		Prox. sw., DIN 19234					●											●											●
740.0065		○							●											●											●
740.0066		○							●	●										●											●
740.0200		●							●											●											●

Remarks

- to use without restrictions
- to use with precautions, if the switch is part of an intrinsically safe circuit, e. g. DIN 19234 (Namur)

*) Makrolon-/Alu-housing

**) without insulate/with insulate

1) no insulation between switches and pipe possible

Accessories: Transmitter feed circuit

Subject to alterations

PHÖNIX

Messtechnik GmbH
Salzschlirfer Straße 13
D-60386 Frankfurt/M.
Tel. +49/69/41 67 42 -20
Fax +49/69/41 67 42 -29
sales@phoenix-mt.com
www.phoenix-mt.com

PHÖNIX