Optoelectronic Level Switches

Selection table

Product group	720
Type	-
Sheet: 1/1	Revision: 5
Date:	5/04

Table Design Data

Type	Application		Temperature										Pressure				Ingr. prot. EN 60529			Material in contact with media								mech. connection			
			Media					Ambient																							
	Level	Interface	-30 to +95 °C	-30 to +140 °C	-50 to +200 °C	-60 to +250 °C	-65/269/+250/400°C*)	-25 to +60 °C	-25 to +70 °C	-25 to +95 °C	-50 to +95 °C	-65 to +95 °C	0 - 0,5 MPa	0 - 1 MPa	0 - 5 MPa	0 - 25/50 MPa **)	IP 65	IP 65/66 ***)	IP 65/67 ***)	Duran	Quartz	Cladded core glass	Sapphire	Graphite	PTFE	Stainless steel	Others (Hastelloy...)	Metr./Whitworth	Fllange	Sterile fllange	Glass installations
720.0020/21/23/24	●			●					●						●			●			●	●			●	●		●			
720.002L	●			●					●						●			●			●	●			●	●				●	
720.0030/33	●		●					●							●		●				●	●			●	●		●			
720.0034	●		●					●							●		●				●	●			●	●		●			
720.0032	●	●	●							●					●				●		●	●			●	●		●			
720.0042	●	●				●				●			●						●	●	●										●
720.0642	●	●				●				●			●						●	●	●										●
720.06XX	●	●					●					●				●	●			●	●	●	●	●	●	●	●	●	●		

Table Electrical Data, Ex-classification

Type	Electr. version		Certificates					Output			Power supply				Switch					Features				Connection							
															volt.		current														
	integr.switch electron.	seperate switch amp.	fail safe ****)	Ex i (PTB/SEV) ****)	Zone 0	OPD WHG §19 ****)	OPD VbF §12 ****)	PNP, O.C.	SPDT signal	SPDT failure	24 V= (****))	24 V= isolated ****)	24 V~ ****)	230 V~ ****)	24 V=	250 V=/~ ****)	0,5 A=	3 A=/~	4 A=/~ ****)	Switch direction fixed	H-L switch	Sensivity adjustable	Adjustable time-lag	Cable 3x0,14 mm²	Plug type series 713	Plug type series 680	Screw term. 2,5 mm²				
720.0020/21/23/24	●							●			●				●		●			●				●	●						
720.002L	●							●			●				●		●			●				●	●						
720.0030/33	●								●		●					●		●			●					●					
720.0034	●								●		●					●		●			●					●					
720.0032		●	●						●	●	●	●	●	●		●			●		●	●	●	●	●						
720.0042		●	●						●	●	●	●	●	●		●			●		●	●	●	●	●						
720.0642		●	●						●	●	●	●	●	●		●			●		●	●	●	●	●						
720.06XX		●	●	●	●	●	●		●	●	●	●	●	●		●			●		●	●	●				●				

Notes

*) with/without heatsink
**) low-/high pressure type
***) plug-/cable connection
****) in combination with switch amplifier type 720.250X

Remark:
OPD=Overfill prevention device

subject to alterations

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