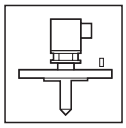

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Optoelectronic Level Switches

Selection table

Product group **720**

Type **-**

Sheet: 1/1 | Revision: 6

Date: 1/07

Table Design Data

	Appli-cation		Temperature									Pressure				Ingr. prot. EN 60529			Material in contact with media								mech. connection				
			Media						Ambient																						
Type	Level	Interface	-20 to +60 °C	-30 to +95 °C	-30 to +140 °C	-50/60 to +200/250°C	-65/269/+250/400°C*)	-20/25 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 - 3/5 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
720.0020-24	●				●				●						●			●			●	●			●	●		●			
720.002L	●				●				●						●			●			●	●			●	●				●	
720.0030/33/34	●			●				●							●		●				●	●			●	●		●			
720.0032	●	●		●						●					●				●		●	●			●	●		●			
720.0632	●	●	●					●							●				●		●	●			●	●		●			
720.0042	●	●				●				●			●						●	●	●										●
720.0642	●	●				●					●			●			●			●	●										●
720.06XX	●	●					●					●				●	●			●	●	●	●	●	●	●	●	●	●		

Table Electrical Data, Ex-classification

	Electr. version		Certificates					Output			Power supply				Switch				Features				Connection								
															volt.		current														
Type	integr.switch electron.	seperate switch amp.	fail safe ****)	Ex i (ATEX/SEV) ****)	Zone 0	OPD WHG §19 ****)	SIL1 ****)	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=/~	3 A=/~, 100VA ****)	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					
720.0020-24/2L	●							●			●				●		●			●				●	●						
720.0030/33	●								●		●					●		●			●					●					
720.0034	●								●		●					●		●			●					●					
720.0032		●	●						●	●	●	●	●	●		●			●		●			●	●						
720.0632		●	●			●			●	●	●	●	●	●		●			●		●	●	●	●	●						
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
*****) 720.0632: -20...+60 °C, 30 bar

Remark:
OPD=Overfill prevention device (only for Germany)

subject to alterations

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