

**Dimensions mm**  
 tolerances acc. to DIN ISO 2768-m  
 Toleranzen gem. DIN ISO 2768-m

22,32 [0,879]  
 20,32 [0,800]  
 3,3 [0,130]  
 4,2 [0,165]  
 2,9 -0,3 +0,5 [0,114 -0,012]  
 Ø0,5 [0,020]

**Isometric**  
 Scale 2:1  
 Maßstab 2:1

**Marking**  
 according to EN60062/factory code  
 gem. EN60062/Fertigungsstätte

MEDER 8-B YM/P

**Schematic**

angular variation of the pins up to 7,5° possible  
 Winkelabweichung der Anschlusspins bis zu 7,5° möglich

Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In	at 20°C	4,6		9,3	VDC
Test equipment		KMS-16			
Pull-In in milliTesla (modified conta	MS150 - phys. caused tolerance +/- 0,1mT	0,8		1,1	mT
Test equipment		MS-150			

Special Product Data	Conditions	Min	Typ	Max	Unit
Contact - No.		66			
Contact - form		A - NO			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage	DC or Peak AC			180	V
Carry current	DC or Peak AC			1	A
Switching current	DC or Peak AC			0,5	A
Sensor-resistance	measured with 40% overdrive Sensor deactivated			150	mOhm
Housing material		PBT glass fibre reinforced			
Case color		blue			
Sealing compound		Polyurethan			

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11ms			30	g
Vibration	from 10 - 2000 Hz			20	g
Ambient temperature		-20		85	°C
Storage temperature		-35		85	°C
Cleaning		fully sealed			