

Dimensions mm[inch]

tolerances acc. to DIN ISO 2768-m
Toleranzen gem. DIN ISO 2768-m

Isometric

Scale 1:1
Maßstab 1:1

Ø3
[0,12]
2,70
[0,11]

MEDER B YMP

10⁰_{-0,30}
[0,39^{0,000}-0,012]

100 ±5
[3,94 ±0,197]

5 ±1
[0,20 ±0,039]

Cable

PVC single wire AWG30, 105°C, 30V
 UL-Style 1685 or 1692
 colour of wires: black
 PVC Einzellitzen AWG30, 105°C, 30V
 UL-Style 1685 oder 1692
 Aderfarben: schwarz

Terminals/Connector

Ends tinned
 Enden verzinkt

ATTENTION!
 mechanically stress not allowed.
 Sensorgehäuse darf nicht
 mechanisch belastet werden.

Schematic

Marking

according to EN60062/factory code
 gem. EN60062/Fertigungsstätte

Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In	at 20°C	22		30	AT
Test equipment		KMS-03			

Special Product Data	Conditions	Min	Typ	Max	Unit
Contact - No.		80			
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			30	V
Carry current	DC or Peak AC			0,5	A
Switching current	DC or Peak AC			0,5	A
Sensor-resistance	measured with 40% overdrive			280	mOhm
Housing material		PBT 30%GF			
Case colour		black			
Sealing compound		Polyurethan			
Reach / RoHS conformity		yes			

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine, duration 11ms, in 3 axis			50	g
Vibration	from 10 - 2000 Hz			20	g
Operating temperature	cable not moved	-30		70	°C
Operating temperature	cable moved	-5		70	°C
Storage temperature		-30		70	°C

General data	Conditions	Min	Typ	Max	Unit
Mounting advice		over 5m cable, a resistor is recommended.			
Total weight			0,28		g