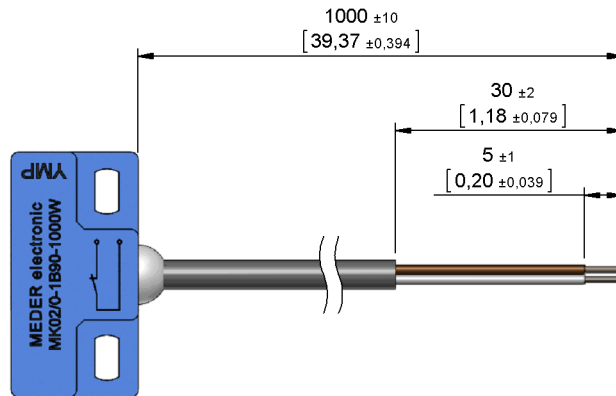
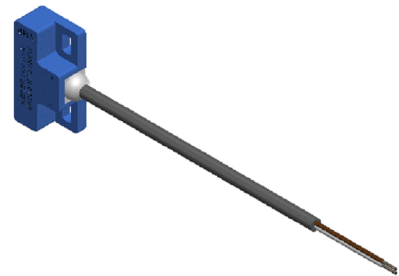



Dimensions mm[inch]

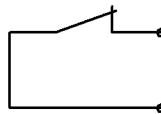
 tolerances acc. to DIN ISO 2768-m
 Toleranzen gem. DIN ISO 2768-m

Isometric

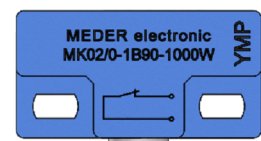
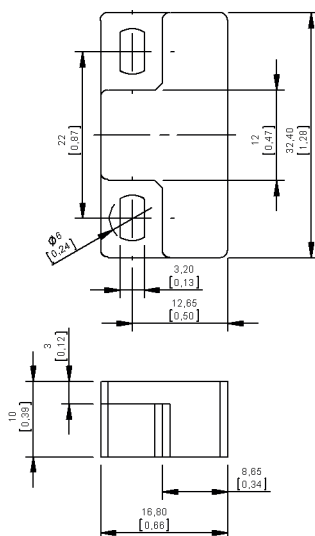
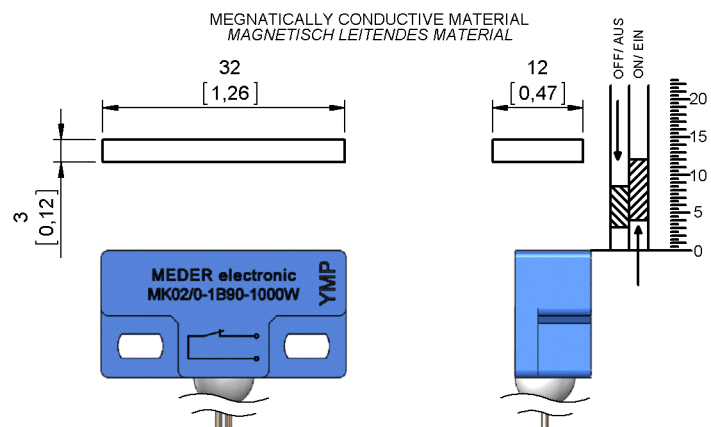
 Scale 1:2
 Maßstab 1:2

Cable

 PVC LIYY 2x0,25qmm
 colour of mantle: grey
 colour of wires: white, brown
 PVC LIYY 2x0,25qmm
 Mantelfarbe: grey
 Aderfarben: white, brown

Terminals/Connector

 Ends tinned
 Enden verzinkt

Schematic

Marking

 according to EN60062/factory code
 gem. EN60062/Fertigungsstätte

Housing

Switching distances




Products for tomorrow...

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Item No.:

2220902104

Item:

MK02/0-1B90-1000W

Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull in	at 20°C	3		8,5	mm
Drop out	at 20°C	4		12	mm
Test equipment			SV 002		

Special Product Data	Conditions	Min	Typ	Max	Unit
Contact - form		B/C - NC			
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
operating voltage	DC or Peak AC			175	V
operating ampere	DC or Peak AC			1	A
Switching current	DC or Peak AC			0,5	A
Sensor-resistance	measured with 40% overdrive Sensor deactivated			330	mOhm
Housing material		PBT glass fibre reinforced			
Case color		blue			
Sealing compound		Polyurethan			

Environmental data	Conditions	Min	Typ	Max	Unit
Operating temperature	cable not moved	-30		80	°C
Operating temperature	cable moved	-5		80	°C
Storage temperature		-30		80	°C

Cable specification	Conditions	Min	Typ	Max	Unit
Cable type		round cable			
Cable material		PVC			
Cross section		0,25 qmm			

General data	Conditions	Min	Typ	Max	Unit
Mounting advice		over 5m cable, a series resistor is recommended.			
Mounting advice		Decreased switching distances by mounting on iron.			
Mounting advice		Don't use magnetically conductive screws			
tightening torque	Screw M3 ISO 1207 Disk ISO 7089			0,5	Nm

Modifications in the sense of technical progress are reserved

Designed at: 03.01.08 Designed by: ALICHTENSTEIN

Approval at: 23.04.08

Approval by: BUELTZHOEFFER

Last Change at: 15.11.12 Last Change by: OMUELLER

Approval at: 15.11.12

Approval by: TFRITSCHI

Version: 03