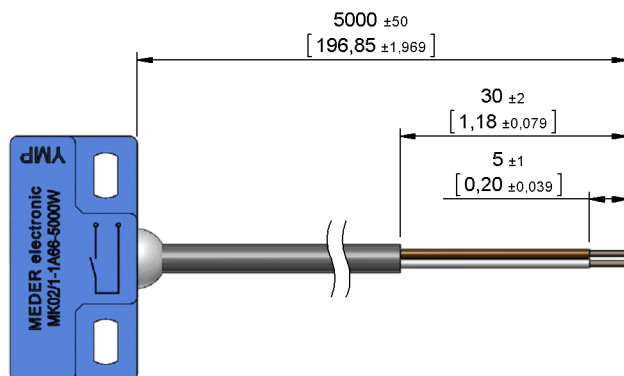
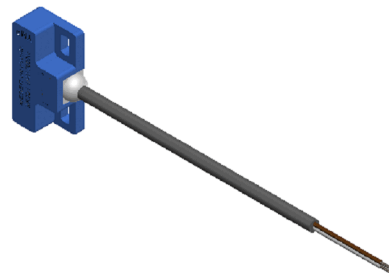



Dimensions mm[inch]

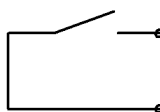
 tolerances acc. to DIN ISO 2768-m
 Toleranzen gem. DIN ISO 2768-m

Isometric

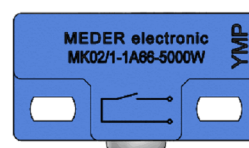
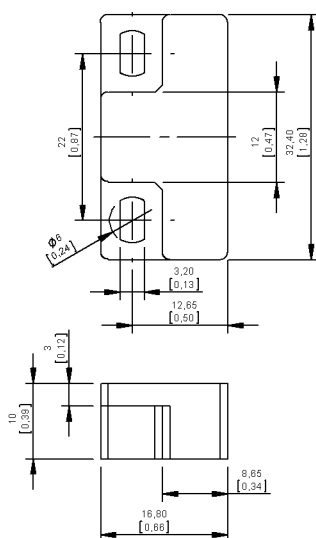
 Scale 1:2
 Maßstab 1:2

Cable

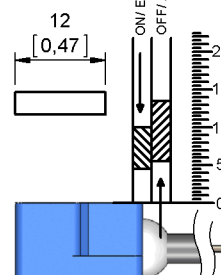
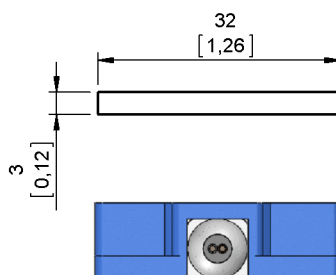
 PVC LIYY 2x0,25qmm
 colour of mantle: grey
 colour of wires: white, brown
 PVC LIYY 2x0,25qmm
 Mantelfarbe: grau
 Aderfarben: weiß, braun

Terminals/Connector

 Ends tinned
 Enden verzinkt

Schematic

Marking

 according to EN60062/factory code
 gem. EN60062/Fertigungsstätte

Housing

Switching distances

 MEGNATICALLY CONDUCTIVE MATERIAL
 MAGNETISCH LEITENDES MATERIAL




Products for tomorrow...

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Item:

MK02/1-1A66-5000W

Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull in	at 20°C	4,5		10	mm
Drop out	at 20°C	5,5		13,5	mm
Test equipment		SV 002			

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
operating voltage	DC or Peak AC			180	V
operating ampere	DC or Peak AC			1,25	A
Switching current	DC or Peak AC			0,5	A
Sensor-resistance	measured with 40% overdrive Sensor deactivated			950	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 typ		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		The mounting of MK02/1 on iron is not allowed.			
mounting advice 2		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: 12.08.08 Designed by: WKOVACS

Approval at: 13.08.08 Approval by: TFRITSCHI

Last Change at: 15.11.12 Last Change by: OMUELLER

Approval at: 16.11.12 Approval by: TFRITSCHI

Version: 04