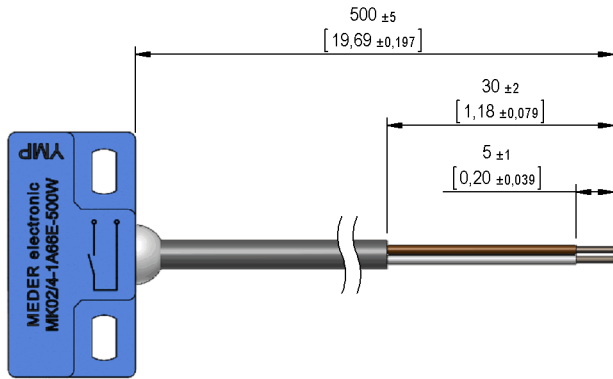
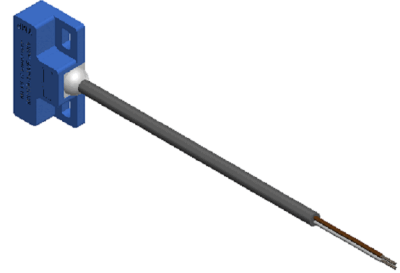


**Dimensions mm[inch]**  
 tolerances acc. to DIN ISO 2768-m  
 Toleranzen gem. DIN ISO 2768-m



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



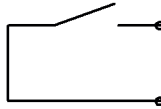
**Cable**

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

**Terminals/Connector**

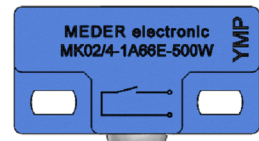
Ends tinned  
 Enden verzinkt

**Schematic**

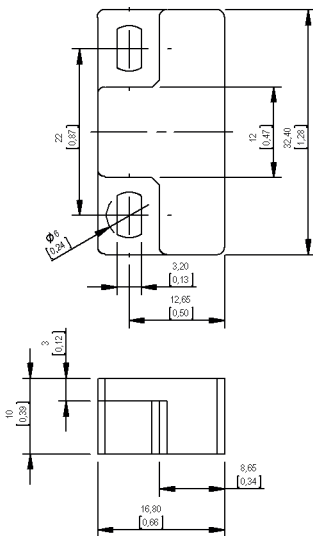


**Marking**

according to EN60062/factory code  
 gem. EN60062/Fertigungsstätte



**Housing**





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Item No.:  
**2224715054**  
 Item:  
**MK02/4-1A66E-500W**  
**MK02/4-1A71E-500W**

*Products for tomorrow...*

Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull in	at 20°C	77		115	AT
Test equipment		KMS-11			

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			220	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		from 5m cable, a pre-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: 10.10.06    Designed by: KSCHIELENSKI    Approval at: 05.11.07    Approval by: BUELTZHOEFFER  
 Last Change at: 16.11.12    Last Change by: OMUELLER    Approval at: 16.11.12    Approval by: TFRITSCHI    Version: 04