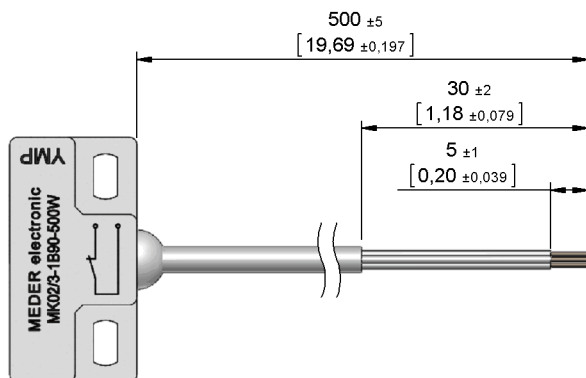


Dimensions mm[inch]

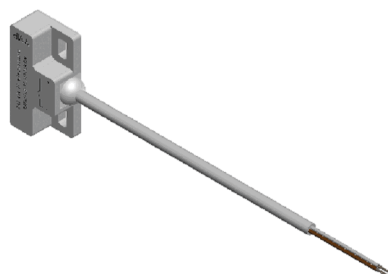


tolerances acc. to DIN ISO 2768-m
Toleranzen gem. DIN ISO 2768-m



Isometric

Scale 1:2
Maßstab 1:2



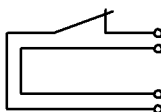
Cable

PVC LIYY 4x0,14qmm
colour of mantle: white
colour of wires: white
PVC LIYY 4x0,14qmm
Mantelfarbe: weiß
Aderfarben: weiß

Terminals/Connector

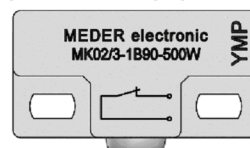
Ends tinned
Enden verzinkt

Schematic

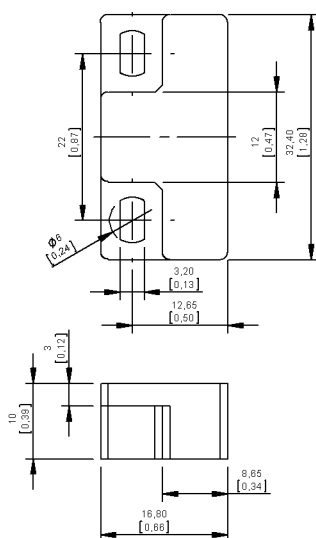


Marking

according to EN60062/factory code
gem. EN60062/Fertigungsstätte

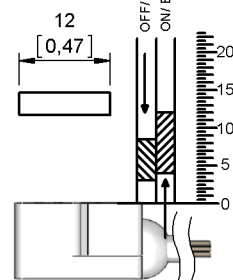
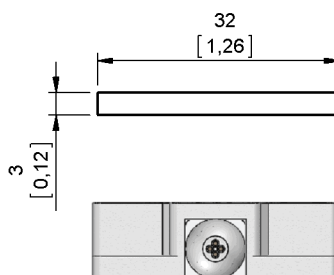


Housing



Switching distances

MEGNATICALLY CONDUCTIVE MATERIAL
MAGNETISCH LEITENDES MATERIAL





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Item No.:

2223902054

Item:

MK02/3-1B90-500W

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 - No.				90	
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			290	mOhm
Housing material				PBT glass fibre reinforced	
Case color				white	
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				0,14 qmm	

General data	Conditions	Min	Typ	Max	Unit
Mounting advice				over 5m cable, a series resistor is recommended.	
Mounting advice				The mounting of MK02/3 on iron is not allowed.	
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: 09.01.08 Designed by: ALICHTENSTEIN

Approval at: 23.04.08

Approval by: BUELTZHOEFFER

Last Change at: 15.11.12 Last Change by: OMUELLER

Approval at: 16.11.12

Approval by: TFRITSCHI

Version: 03