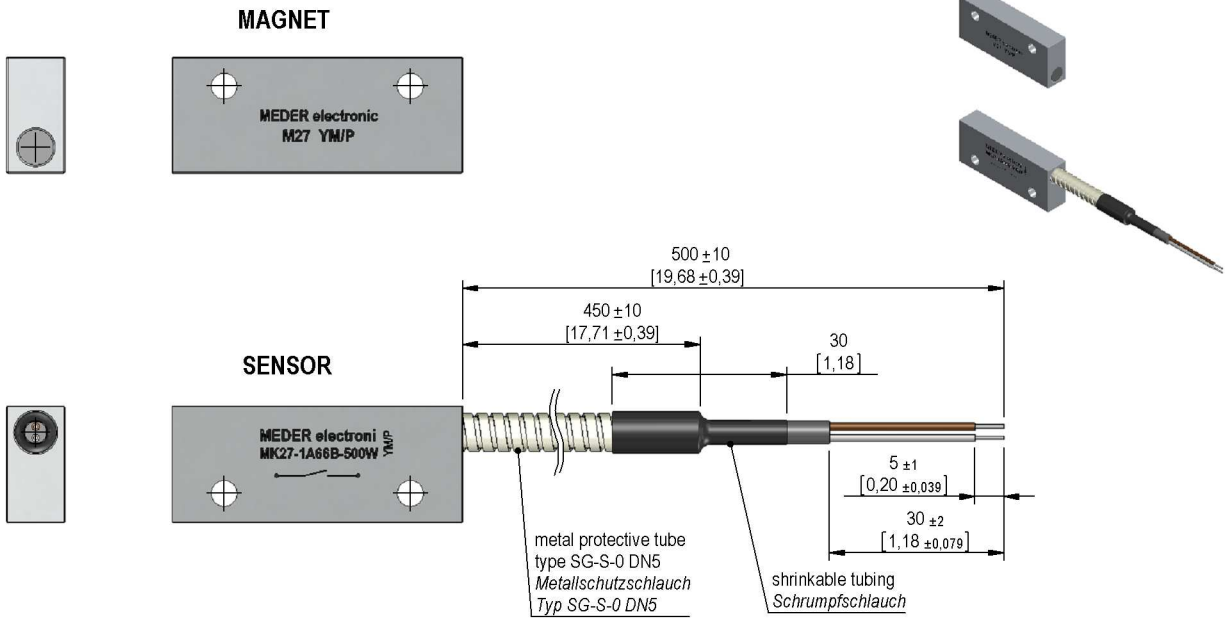


Preliminary Datasheet

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

Isometric
 Scale 1:5
 Maßstab 1:5



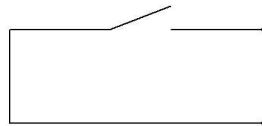
Cable

round cable LIYY AWG24, grey
 UL-Style 2464/1061
 colour of wires: white and brown
 Rundkabel LIYY AWG24, grau
 UL-Style 2464/1061
 Aderfarben: weiss und braun

Terminals/Connector

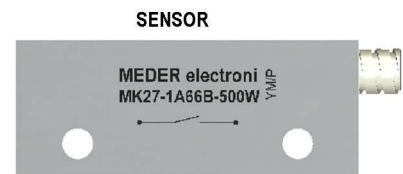
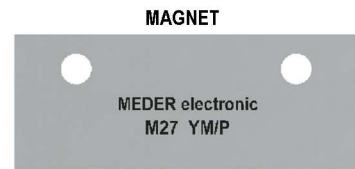
ends tinned
 Enden verzinnt

Schematic

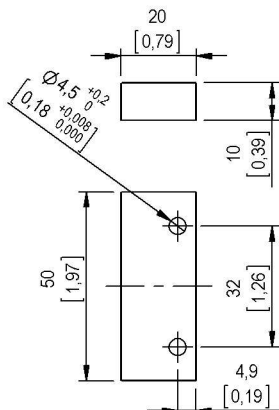


Marking

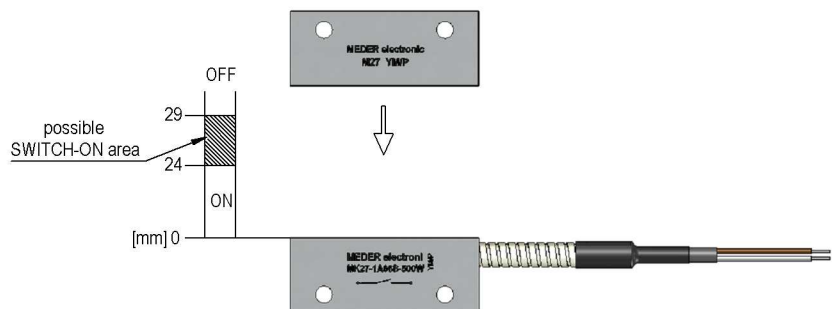
according to EN60062/factory code
 gem. EN60062/Fertigungsstätte



Housing sensor and magnet



Switching distances





Europe: +49 / 7731 8399 0 | Email: info@meder.com
 USA: +1 / 508 295 0771 | Email: salesusa@meder.com
 Asia: +852 / 2955 1682 | Email: salesasia@meder.com

Item No.:
9272661054
 Item:
MK27-1A66B-500W

Preliminary Datasheet

Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull in	at 20°C	40		60	AT
Test equipment		KMS-38 + PH 053			

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			270	mOhm
Housing material		Aluminium			
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 [mm ²]		AWG 24			

General data	Conditions	Min	Typ	Max	Unit
Mounting advice		over 5m cable, a series resistor is recommended.			
mounting advice 1		Decreased switching distances by mounting on iron			
mounting advice 2		Magnetically conductive screws must not be used			

Modifications in the sense of technical progress are reserved

Designed at: 06.12.10 Designed by: WKOVACS
 Last Change at: 14.02.13 Last Change by: WKOVACS

Approval at: 30.05.11 Approval by: DKUECHLER
 Approval at: Approval by:

Version: 05