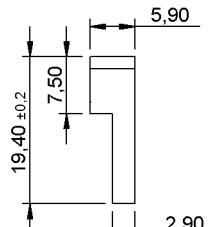
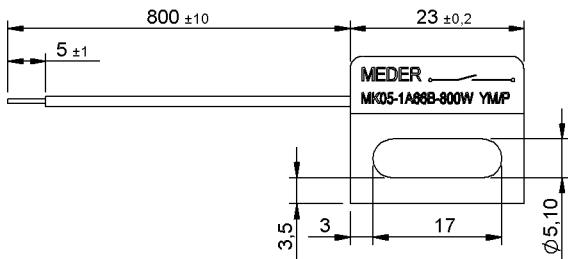


## Preliminary Datasheet

### Dimensions mm[inch]

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

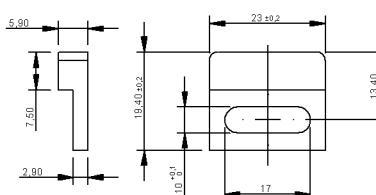


### Isometric

Scale 1:2  
Maßstab 1:2



### Housing

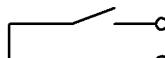


### Cable

flat cable LIYZ 2x0.14qmm  
Flachbandkabel LIYZ 2x0,14qmm

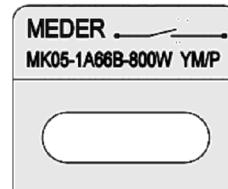
**Terminals/Connector**  
Ends tinned  
Enden verzинтн

### Schematic



### Marking

according to EN60062/factory code  
gem. EN60062/Fertigungssttte



Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull in	at 20°C	21		42	AT
Test equipment				KMS-14, SA002+PK002	

Special Product Data	Conditions	Min	Typ	Max	Unit
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			350	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		70	°C
Operating temperature	cable moved	-5		70	°C
Storage temperature		-30		70	°C

Cable specification	Conditions	Min	Typ	Max	Unit
Cable typ				flat cable	
Cable material				PVC	
Cross section [mm²]				0,14	

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	
tightening torque	Screw M3 ISO 1207 Disk ISO 7089			0,5	Nm

Modifications in the sense of technical progress are reserved

Designed at: 27.09.06 Designed by: ALICHENSTEIN

Approval at: 04.10.07 Approval by:

BUELTHOEFFER

Last Change at: 27.09.12 Last Change by: NMHAI

Approval at:

Approval by:

Version: 03