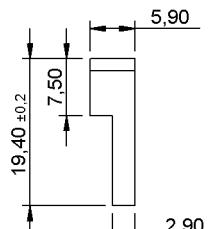
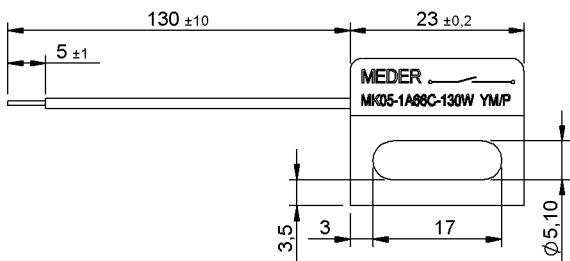


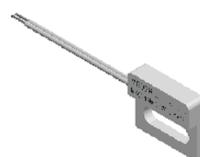
**Preliminary Datasheet**

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

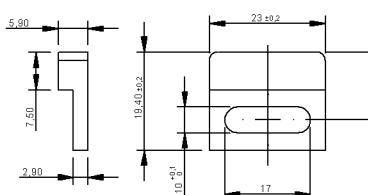


**Isometric**

Scale 1:2  
Maßstab 1:2



**Housing**

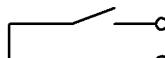


**Cable**

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

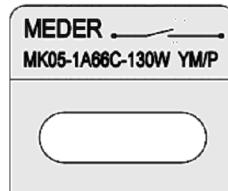
**Terminals/Connector**  
Ends tinned  
Enden verzinkt

**Schematic**



**Marking**

according to EN60062/factory code  
gem. EN60062/Fertigungsstätte



<b>Magnetic properties</b>	<b>Conditions</b>	<b>Min</b>	<b>Typ</b>	<b>Max</b>	<b>Unit</b>
Pull in	at 20°C	32		63	AT
Test equipment				KMS-14, SA002+PK002	

<b>Special Product Data</b>	<b>Conditions</b>	<b>Min</b>	<b>Typ</b>	<b>Max</b>	<b>Unit</b>
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			200	mOhm
Housing material				PBT glass fibre reinforced	
Case color				white	
Sealing compound				Polyurethan	

<b>Environmental data</b>	<b>Conditions</b>	<b>Min</b>	<b>Typ</b>	<b>Max</b>	<b>Unit</b>
Operating temperature	cable not moved	-30		70	°C
Operating temperature	cable moved	-5		70	°C
Storage temperature		-30		70	°C

<b>Cable specification</b>	<b>Conditions</b>	<b>Min</b>	<b>Typ</b>	<b>Max</b>	<b>Unit</b>
Cable typ				flat cable	
Cable material				PVC	
Cross section [mm <sup>2</sup> ]				0,14	

<b>General data</b>	<b>Conditions</b>	<b>Min</b>	<b>Typ</b>	<b>Max</b>	<b>Unit</b>
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  
Last Change at: 27.09.12 Last Change by: NMHAI

Approval at: 04.10.07 Approval by: BUELTHOEFFER  
Approval at: Approval by:

Version: 04