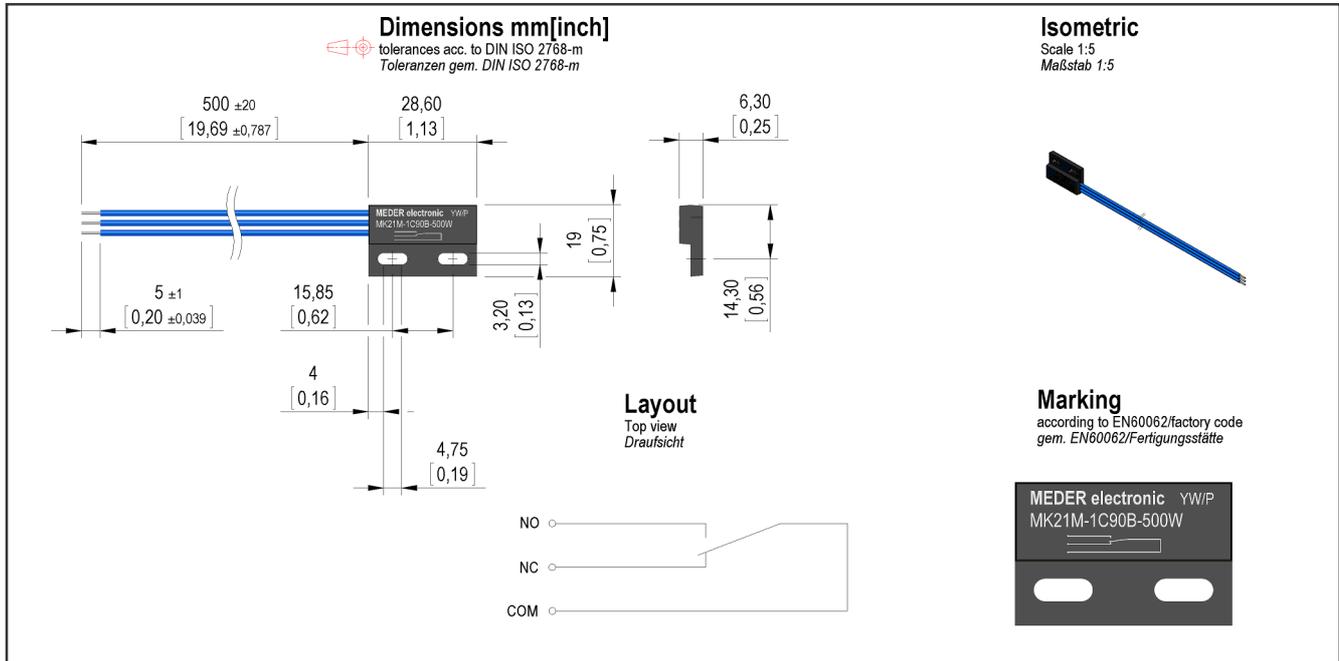


Preliminary Datasheet



Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In	at 20°C	34		59	AT
Test equipment		KMS-14			

Contact Data 94	Conditions	Min	Typ	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage	DC or Peak AC			100	V
Switching current	DC or Peak AC			0,2	A
Carry current	DC or Peak AC			0,5	A
Insulation resistance	RH <45 %, 100 V test voltage	1			GOhm
Breakdown voltage (<21 AT)	according to EN 60255-5	150			VDC

Special Product Data	Conditions	Min	Typ	Max	Unit
Sensor-resistance	measured with 40% overdrive			250	mOhm
Housing material		epoxy resin			
Reach / RoHS conformity		yes			

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine, duration 11ms, in 3 axis			50	g
Vibration	from 10 - 2000 Hz			20	g
Operating temperature	cable not moved	-30		155	°C
Storage temperature		-30		150	°C

Cable specification	Conditions	Min	Typ	Max	Unit
Cable type		single wires			
Cable material		radox			
Cross section		0,34 qmm			

General data	Conditions	Min	Typ	Max	Unit
Mounting advice		over 5m cable, a resistor is recommended.			
Mounting advice		Decreased switching distances by mounting on iron.			
Mounting advice		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: 13.06.07 Designed by: THAUKE
 Last Change at: 05.02.14 Last Change by: THAUKE

Approval at: 16.06.07 Approval by: JHEYDER
 Approval at: Approval by:

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