



*Products for tomorrow...*

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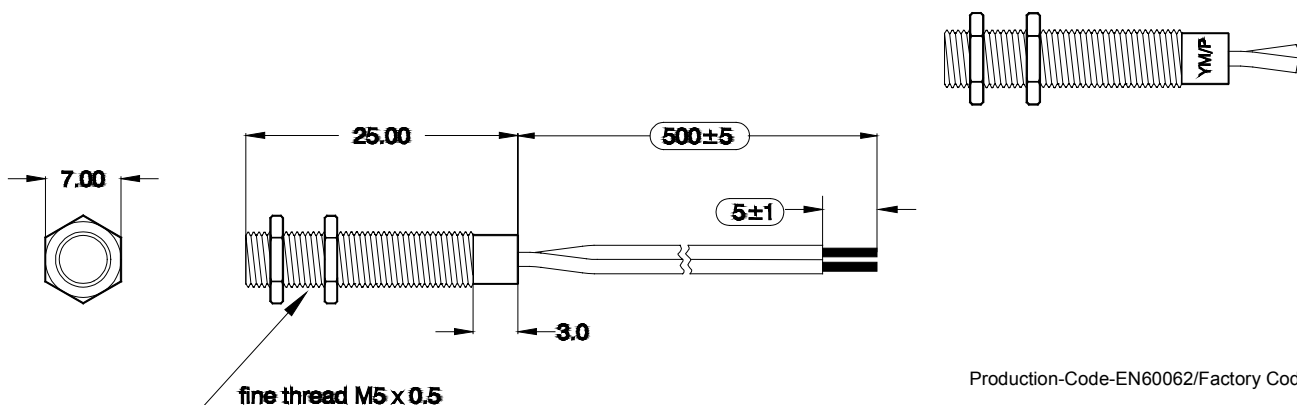
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Reed Sensor: MK11-1A81A-500W

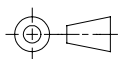
Part Number: 9111811054

**Dimensions** (mm)(unspecified tolerances according to DIN ISO 2768-m)

**Marking**



Production-Code-EN60062/Factory Code



= parameter to define the function

Magnetic Characteristics	Conditions at 20°C	Min.	Typ.	Max.	Units
Pull-In Switch unmodified	Testcoil KMS-01	5		10	AT
Pull-In Switch modified	Testcoil KMS-13	<b>8,8</b>		<b>25,2</b>	AT

Contact Data 81 (Form A/Dry)					
Contact Rating	Any combination of the switching voltage and current must not exceed the given rated power			5	W
Switching Voltage	DC or Peak AC			90	V
Switching Current	DC or Peak AC			0,5	A
Carry Current	DC or Peak AC			1,0	A
Static Contact Resistance (initial)	Measured with 40% overdrive			200	mΩ
Insulation Resistance	RH 45%	10 <sup>9</sup>			Ω
Breakdown Voltage		100			VDC
Operate Time, including Bounce	Measured with 40% overdrive			0,5	ms
Release Time				0,1	ms
Capacitance			0,3		pF

Environmental Data					
Shock	½ sine wave, duration 11ms			50	g
Vibration	from 10 - 2000 Hz			10	g
Operating Temperature	10°C/min max. allowable	-20		85	°C
Storage Temperature	10°C/min max. allowable	-35		85	°C
Contact Resistance with Cable	Measured with 40% overdrive			280	mΩ
Cleaning		fully sealed			
Material of Case		machining steel 1.4305			
Sealing Compound		Epoxy resin			
Cable		Flat cable LIY2 2 x 0,14 mm <sup>2</sup> , white Ends of cable with 5±1 mm tinned leads			
Remarks					