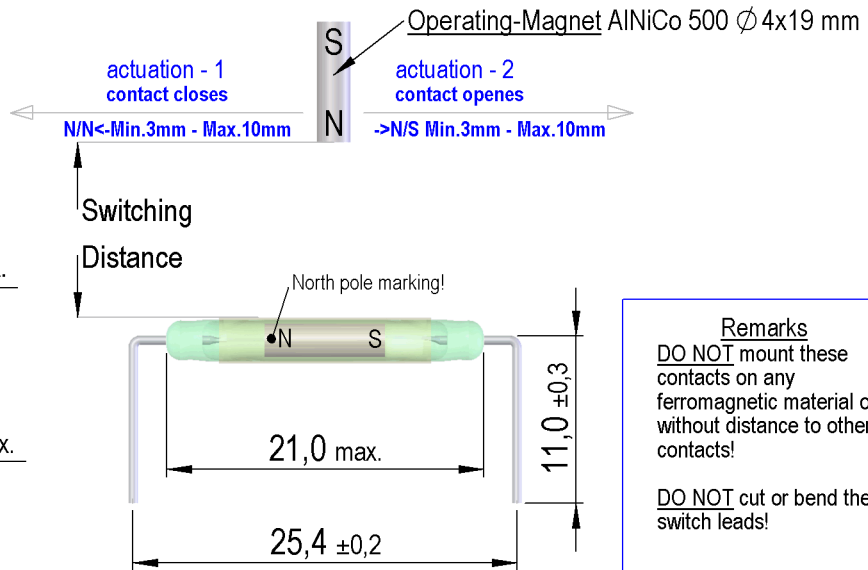
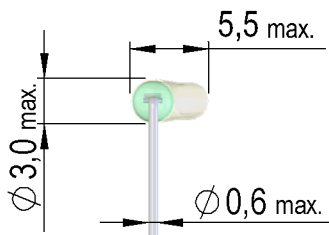


**CONTACT CLOSURES WHEN:**

Op.Magnet"N"to Sensor"N"or  
 Op.Magnet"S"to Sensor"S"

**CONTACT OPENS WHEN:**

Op.Magnet"N"to Sensor"S"or  
 Op.Magnet"S"to Sensor"N"



**Remarks**  
 DO NOT mount these contacts on any ferromagnetic material or without distance to other contacts!  
 DO NOT cut or bend the switch leads!

tolerances according to DIN ISO 2768 m

Magnetic properties	Conditions	Min	Typ	Max	Unit
Pull-In excitation (Reference value)		30		35	AT
Test-Coil		KMS-01			

Contact Data 85	Conditions	Min	Typ	Max	Unit
Contact-No.		85			
Contact-form		E - bistable NO			
Contact-material		Rhodium			
Contact rating				100	W
Switching voltage				350	V
Switching current				1	A
Carry current				2	A
Pulsed carry current				3	A
Contact resistance static				150	mOhm
Contact resistance dynamic				200	mOhm
Insulation resistance		10			GOhm
Breakdown voltage (30-40 AT)		1.000			VDC
Operate time incl. bounce				1,1	ms
Release time				0,1	ms
Capacitance			0,5		pF

Modified dimensions	Conditions	Min	Typ	Max	Unit
Remarks		to dimensions see drawing			

Environmental data	Conditions	Min	Typ	Max	Unit
Shock				50	g
Vibration				20	g
Operating temperature		-40		130	°C
Storage temperature		-40		130	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C

General data	Conditions	Min	Typ	Max	Unit
Remark	Take care: sensor could be put out of tune permanent by strong magnetic fields.				