

# Technical Data

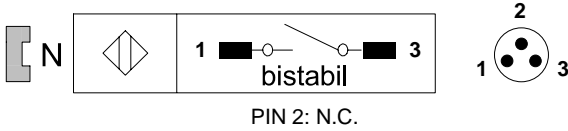
## Magnetic switches

### Series MA-99

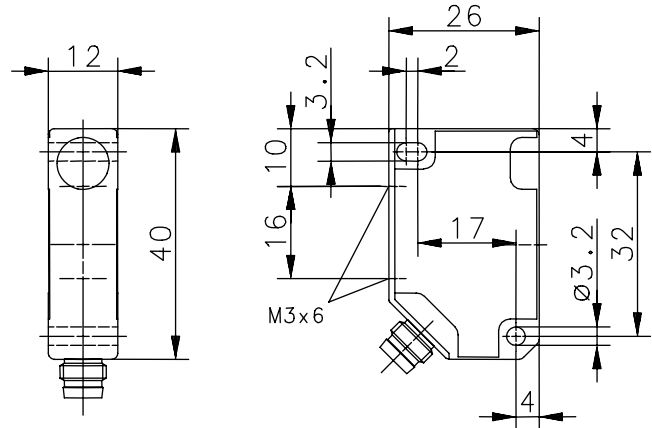
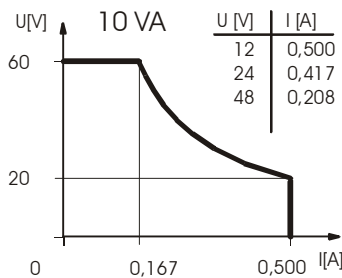
Type designation **MAK-9914-STK**

Item number **6410499448**

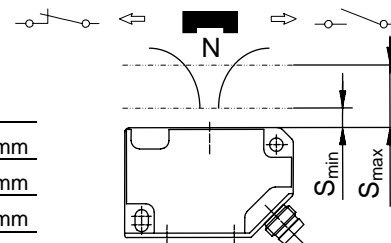
#### Wiring diagram



#### Switching diagram



Magnet	T-75 N/S	RD 10x7	T-61 N/S	T-67 N/S
S	2 ... 8 mm	5 ... 15 mm	10 ... 26 mm	15 ... 35 mm
∅ D	5,0 mm	10,0 mm	20,0 mm	20,0 mm
∅ d	-	-	3,1 mm	4,3 mm
h	2,6 mm	7,0 mm	6,5 mm	10,0 mm



#### Electrical data

Output	bistable
Reed contact:	max. voltage UC 60 V
	max. switch current 0,5 A
	max. switching 10 VA
	mechanical lifetime $3 \times 10^8$ switchings, however, according to the load resetability $\pm 0,1$ mm under same geometrical conditions at the same temperature
Repeat accuracy	R
Reference magnet	T-75 N/S, RD 10x7, T61 N/S or T-67 N/S

#### Mechanical data

Housing	PA6.6, black; encapsulated reed contact
Ambient air temperature	-20 °C ... +70 °C
Type of protection	IP67 according to IEC 529, EN 60529
Connection	Plug socket M8
Assembly position	optional

#### Notice

Magnetic fields, bigger than those of the reference magnet, generate a not defined and permanent change of the switching performance. Do not stock, transport or operate the magnetic switch in an environment of magnetic fields bigger than those of the reference magnet!

This document will not become the contractual basis; the details included herein do not constitute any descriptions of expected conditions, so that warranties/claims for defects on account of possible variations of the actual from the here described condition are excluded. Subject to modifications and amendments.

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