

MANUAL MAGNETIC SWITCH NW-MS-1(2)T-1-

Description

The Neway magnetic switch is a specially designed toggle switch with an electrical locking mechanism via a magnet. When the magnet is activated, the momentary contacts are closed when the toggle switch is manually operated. When the magnet contacts are deactivated, the switch lever is released and the contacts are opened. Activating the magnet does not pull the toggle switch lever into the operating position(s).

The switch is available with two or three lever positions and various locking configurations.



Figure 1: Magnetic Switch Neway Data AG

Technical Data

Table 1: technical data

Description	Parameter
Mounting	Ø 15/32-32 NS thread
Operation Temperature	10°C – 60°C
Lever Typs	standart, pull-to-unlock
Electrical rating @ 24VDC	max. 5 A
Circuit	2PDT
Power	2.5 W
Termination	Leadwire

Table 2: different variations

# of Poles	Pos. B	Pos. A	Pos. C	Lever Type	Ser. No.
2	3-4 & 6-8	3-5 & 6-8	-	Standard	NW-MS-1T-1
2	3-4 & 6-8	3-5 & 6-8	-	Pull-to-unlock	NW-MS-1T-1-F
2	3-4 & 6-8	3-5 & 6-8	-	Pull-to-unlock	NW-MS-1T-1-G
2	3-5 & 6-7	3-4 & 6-7	3-4 & 6-8	Standard	NW-MS-2T-1
2	3-5 & 6-7	3-4 & 6-7	3-4 & 6-8	Pull-to-unlock	NW-MS-2T-1-E
2	3-5 & 6-7	3-4 & 6-7	3-4 & 6-8	Pull-to-unlock	NW-MS-2T-1-N
2	3-5 & 6-7	3-4 & 6-7	3-4 & 6-8	Pull-to-unlock	NW-MS-2T-1-L

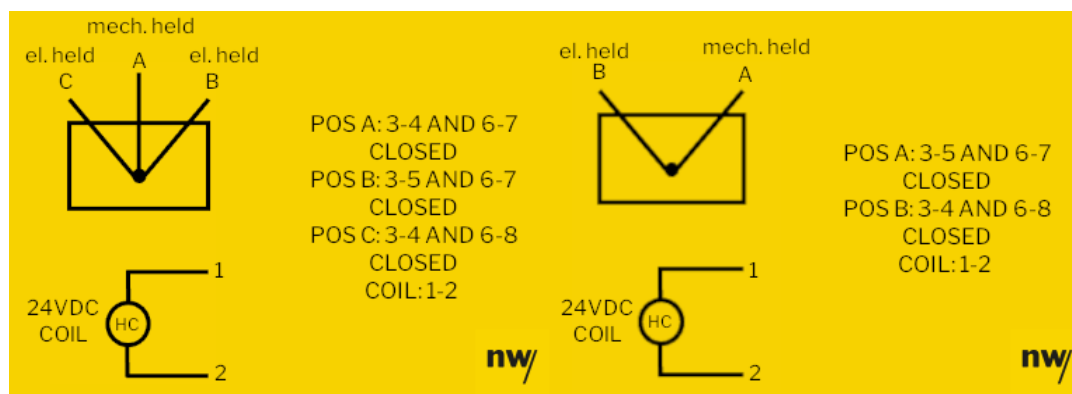


Figure 2: circuit diagram magnetic switch (NW-MS-2T-1 vs. NW-MS-1T-1)¹

¹ Use free-wheeling diode between 1&2

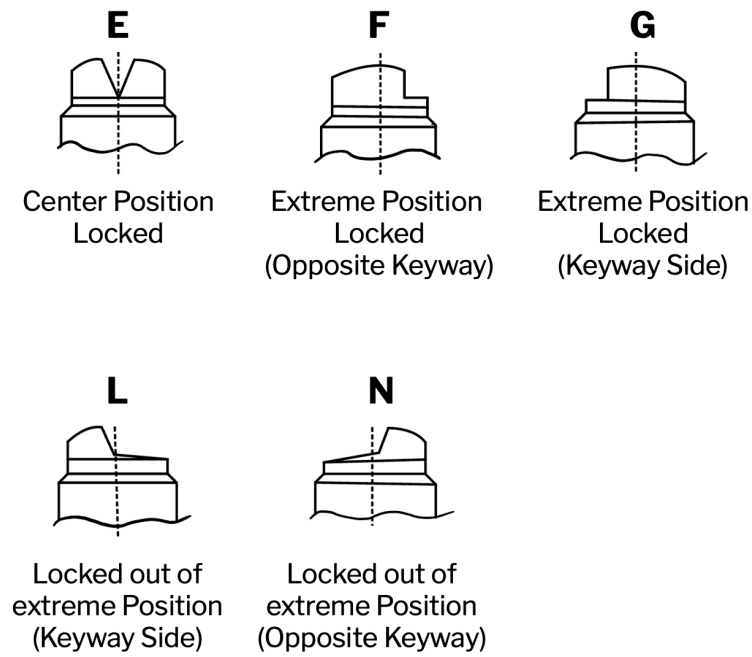


Figure 3: different lock-out configurations

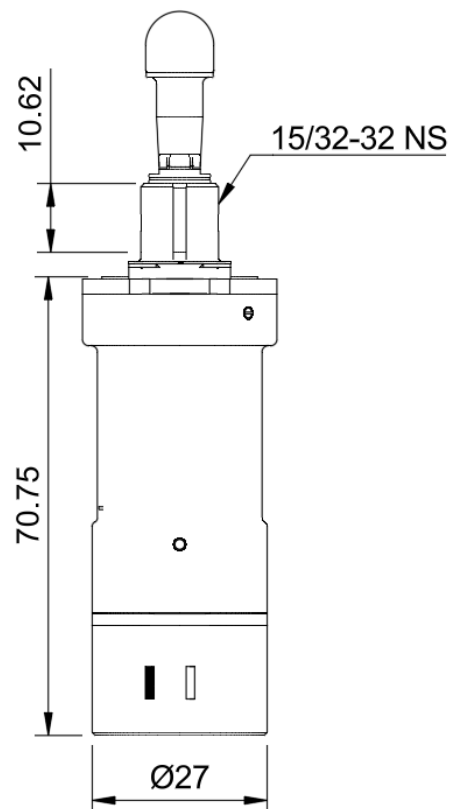


Figure 4: dimensions