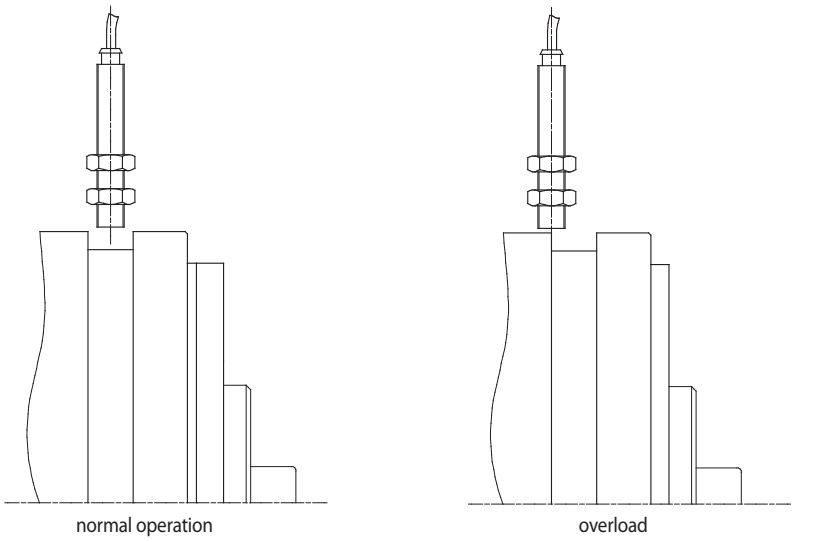


Function 62-1

It is possible with SIKUMAT® Torque Limiters to utilise the axial movement during an overload occurrence to actuate a proximity switch so that when the preset limit torque is exceeded, the drive can be switched off electrically and/or a signal can be triggered.

Switching off the drive in case of overload is essential for all ratcheting type SIKUMAT® Torque Limiters in order to prevent ratcheting over prolonged periods and possible wear.

The engagement travel of the SIKUMAT® Torque Limiters can be found in the respective tables.

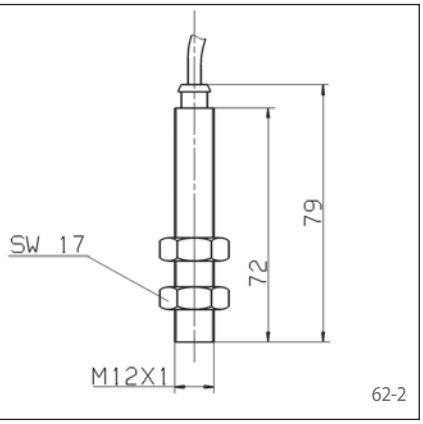
Non-contact proximity switches operate free from wear and guarantee faster response times than mechanical limit sensors.

DC

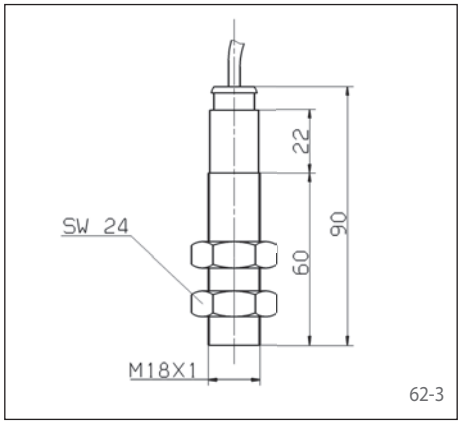
Article number:	3505-012001-A00002
Operating voltage:	24 V ±25 %
NPN output	
Max. switching distance:	2 mm
Max. switching current:	200 mA
Switching frequency:	500 Hz
Mounting oscillation:	≤30 %
Output:	= 1 contact
Ambient temperature:	-25° ... +70° C
Connecting cable length:	2 m

AC

Article number:	3504-000073
Operating voltage:	220 V
Electronic contact	
Max. switching distance:	5 mm
Switching frequency:	25 Hz
Ambient temperature:	-25° ... +70° C
Intermittent switching-on load at 220 V:	3 A
Min. required nominal load at 220 V:	5 mA
Permissible nominal load at 200 V:	200 mA
Repeat accuracy:	≤1 %
Connecting cable length:	2 m



62-2



62-3