

Dimension Sheet for Limit Switch Type 055.000.5 (Mechanical Operation)

(M.0550005.GB)

Application

This device is used to monitor mechanical movements and end positions. It is a controlling sensor for electronic and mechanical sequences. It also registers axial disengaging movements, e.g. on EAS®-clutches.

Function

The pre-tensioned contact is discharged by actuating the switching lever: Contacts 11-14 (21-24) open, contacts 11-12 (21-22) close.

Design

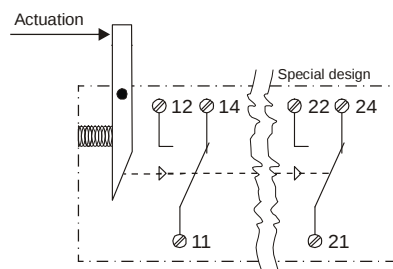
The microswitch is fitted into a light metal housing and is actuated by a switching lever. Operation is only possible in one direction.

The limit switch is fixed using M4 cap screws via two screw-on mounting links attached diagonally.

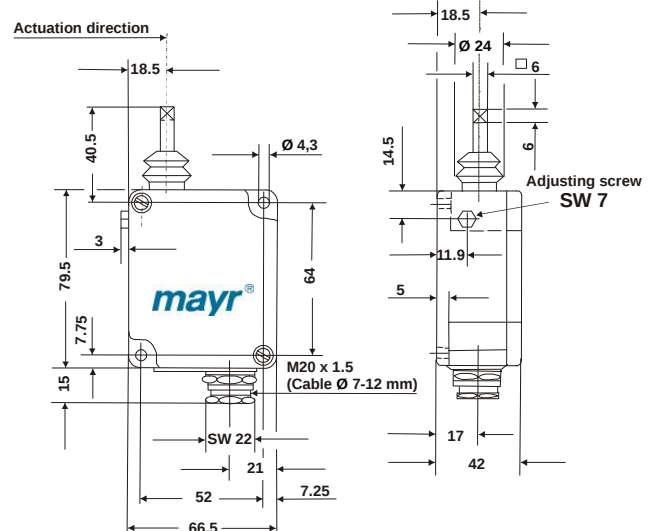
Technical Data

Contact	1 changeover contact (special design: 2 changeover contacts)
Switching capacity	250 VAC / 15 A (with 2 contacts: 10A) 24 VDC / 6 A 60 VDC / 1.5 A 250 VDC / 0.2 A min. 12 VDC/10 mA
Contact material	AgCdO 90/10
Switching frequency	Max. 200 switching operations/min
Ambient temperature	-10 °C up to +85 °C
Protection	IP 54 (special design: IP 65)
Weight	275 g
Switching path setting	Using the adjusting screw (SW 7), the zero point can be moved right or left by max. 5 mm
Switching path	Advance travel: min. 0.15 to 0.5 mm Overtravel: max. 10 mm, depending on the zero point setting
Special Types	Different control lever lengths as well as a design with 2 changeover contacts are possible on request

Electrical Connection



Dimensions (mm)



Order Example

To be stated on order:	Type
Order number	055.000.5