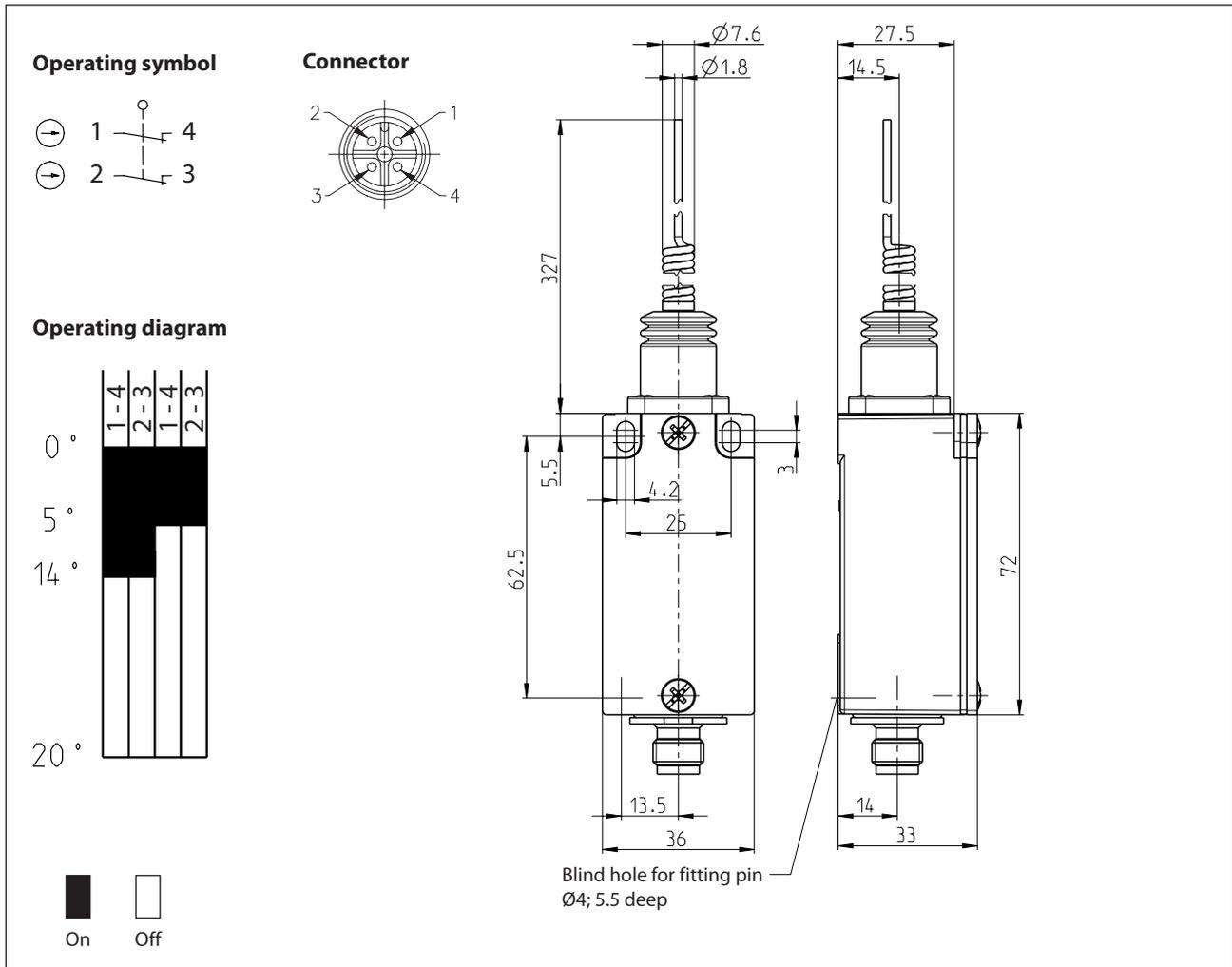


Metal bodied limit switch

Series GC

Description **GC-SA2 FFL M12**

Article number **6121890967**



Electrical Data		
Rated operational voltage	U_e	24 V
Utilization category		AC-15, U_e/I_e 24 V / 1,5 A
Direct opening action	\ominus	acc. to IEC/EN 60947-5-1, annex K
Short-circuit protective device		Fuse 2 A gG
Protection class		III (safety extra-low voltage)

Mechanical data	
Enclosure	Die-cast aluminium
Cover	Sheet aluminium
Actuator	Wobble stick
Ambient air temperature	-30 °C ... +80 °C
Contact type	2 NC (Zb)
Mechanical life	10 x 10 ⁶ operating cycles
Switching frequency	≤ 100 / min.
Assembly	2 x M4
Connection	Plug M12x1
Weight	≈ 0,17 kg
Installation position	operator definable
Protection type	IP65 acc. to IEC/EN 60529

Actuation
The push bolt actuator is mainly intended to be actuated along it's axis. Side actuation will considerably reduce switch life.

Standards
VDE 0660 T100, DIN EN 60947-1, IEC 60947-1
VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1

Notes
<p>The switch must not be used as a stop.</p> <p>The degree of protection specified (IP code) applies only to a properly closed cover and the use of an equivalent connector.</p> <p>The connector and the cable (fix or flexible mounted) must at least be suitable for the described ambient air temperatures.</p> <p>The connector must not be connected or disconnected when voltage is applied.</p> <p>The mechanical life of the connector is 500 connection cycles.</p> <p>Suitable connector and cable must be used to meet approval requirements.</p>