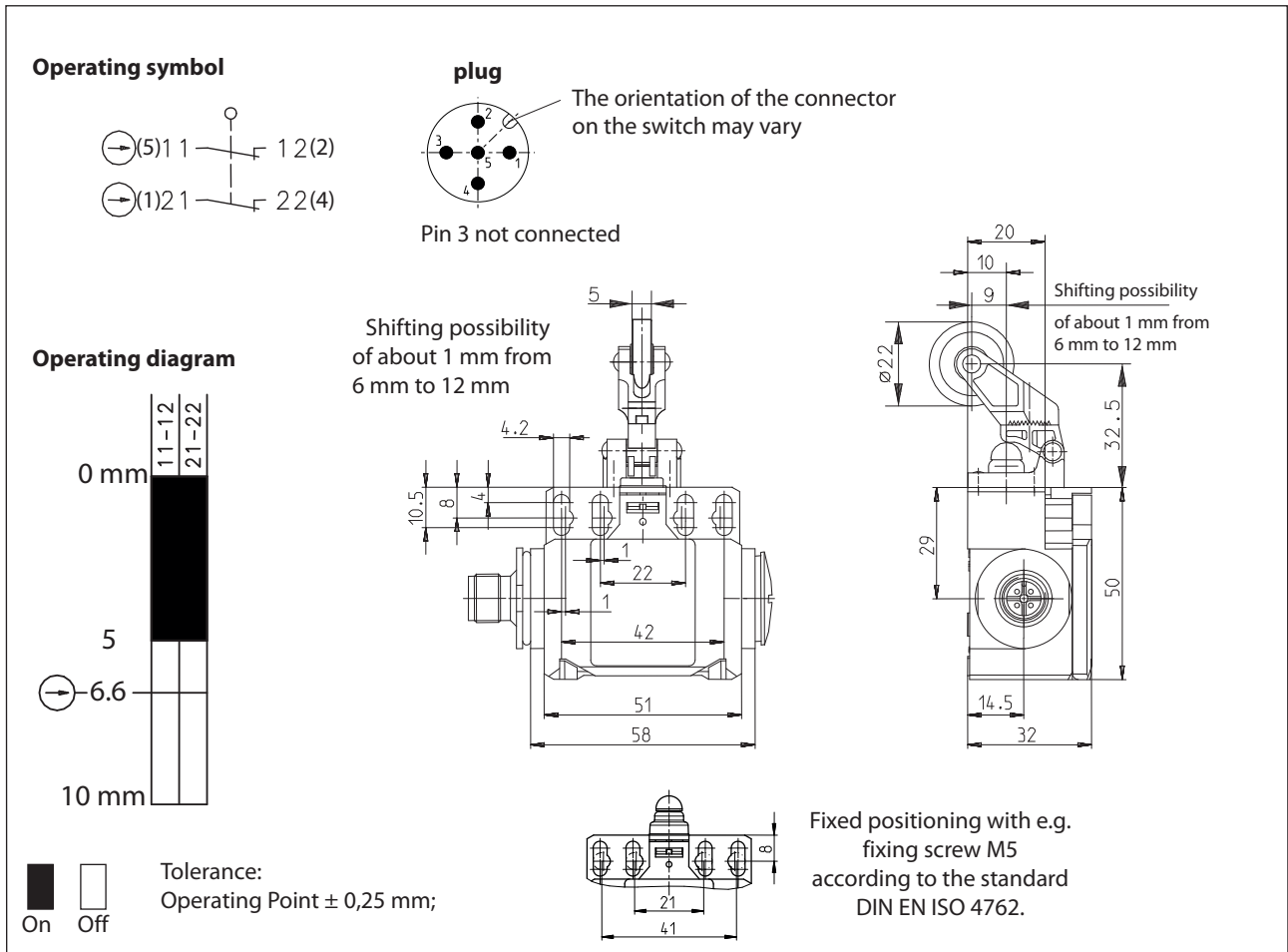


Plastic bodied limit switch

Series BI2

Description **BI2-A2Z DGHW 90GR M12**

Article number **6185821119**



Electrical Data		
Rated operational voltage	U_e	48 V AC
Utilization category		AC15 U_e / I_e 48 V / 3 A
Direct opening action	\ominus	acc. to IEC/EN 60947-5-1, annex K
Short-circuit protective device		Fuse 3 A gG
Protection class		III (protective low voltage)

Mechanical data	
Enclosure	Thermoplastic, glass fibre reinforced
Cover	Thermoplastic, glass fibre reinforced
Actuator	Lever with roller (Thermoplastic)
Ambient air temperature	-30 °C ... +80 °C
Contact type	2 NC (Zb)
Mechanical life	1 x 10 ⁶ operating cycles
Switching frequency	≤ 100 / min.
Assembly	2 x M4 / 2 x M5 / 2 x M3 front mounting
Connection	1 Plug M12 x 1, A-Code
Weight	≈ 0,097 kg
Installation position	operator definable
Protection type	IP65 acc. to IEC/EN 60529; DIN VDE 0470 T1

ID for safety engineering	
B10d	2 x 10 ⁶ cycles

Actuation
<p>The actuating device is preferably started from 1 side. By loosening the 4 screws the actuation assembly can be rotated in 90 degree increments such that 4 actuation directions are possible. The actuation assembly is to be again fastened to the housing using the 4 screws.</p>

Standards
VDE 0660 T100, DIN EN 60947-1, IEC 60947-1
VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1
DIN EN ISO 13849-1

Notes
<p>The degree of protection specified (IP code) applies only to a properly closed cover and the use of an equivalent cable gland with adequate cable. For use with the described ambient temperature, the plug and cable (fixed or flexible installation) must be suitable for at least the same temperature range. The plug must not be connected and disconnected under voltage. The mechanical life of the cable box are 100 cycle of operation.</p>