

Technical Data

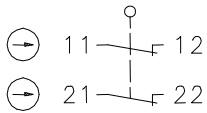
Plastic bodied limit switch

Series I88 - ASI

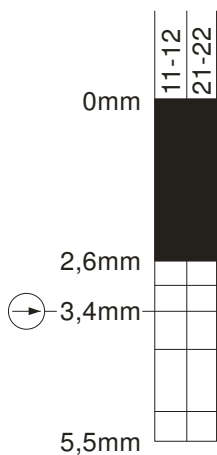
Description **ASI I88 RIWK**

Article number **6073302016**

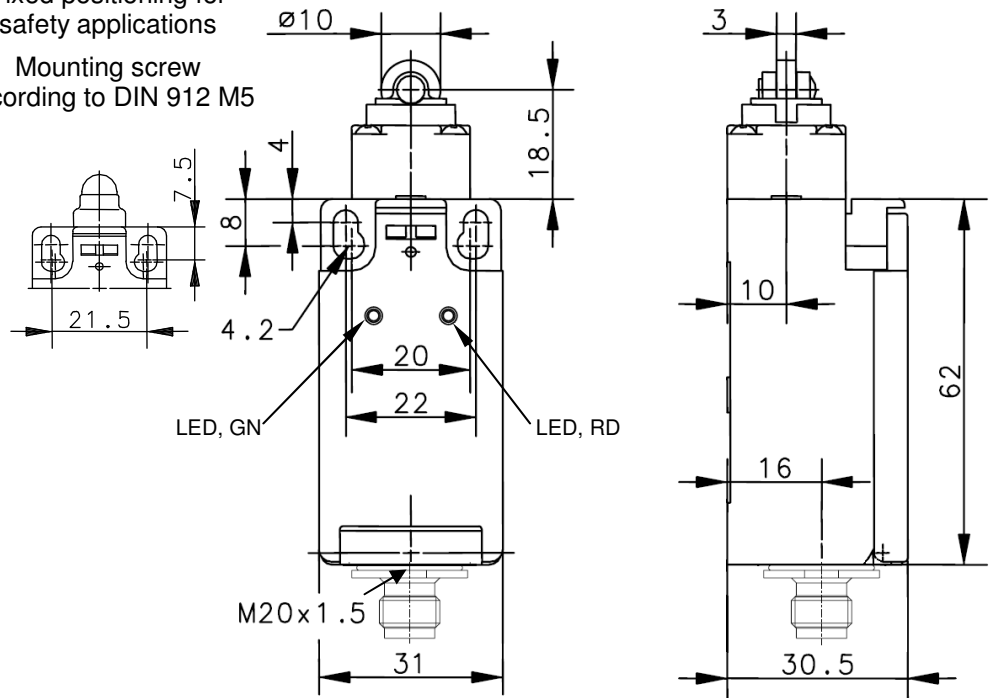
Operating symbol



Operating diagram



Fixed positioning for safety applications
Mounting screw according to DIN 912 M5



On
 Off
 Tolerance:
 Operating point $\pm 0,25$ mm;
 Operating force ± 10 %

Electrical data

Operating voltage	U	26,5 ... 31,6 V; via AS-interface, reverse-polarity proof
Operating current	I	< 30 mA
AS-i Specifications		Profile S-0.B
		IO-Code: 0x0 ID-Code: 0xB
		ID-Code1: 0xF ID-Code2: 0xE
AS-i Inputs		Contact 1: Date bits D0/D1 = static 00 or dynamic code transmission
		Contact 2: Date bits D2/D3 = static 00 or dynamic code transmission
Parameter bits		no function
AS-i Address		preset address: 0

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Technical Data

Plastic bodied limit switch



Mechanical data

Enclosure	Thermoplastic, glass fibre reinforced (UL 94-V0)
Cover	Thermoplastic, glass fibre reinforced (UL 94-V0)
Indication	LEDs for slave and bus state
Actuator	Roller (thermoplastic)
Ambient air temperature	-25 °C ... +70 °C
Contact type	2 NC (slow-action, Zb)
Mechanical life	1 x 10 ⁶ switching cycles
Switching frequency	≤ 100/min
Assembly	2 x M4
Connection	Plug connector M12 male
Plug connection	1: AS-i + 2: free 3: AS-i - 4: free
Weight	≈ 0,06 kg
Installation position	operator definable
Protection type	IP65 acc. to EN 60529; DIN VDE 0470 T1

Actuation

The actuating device is preferably started from 2 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.

Standards

VDE 0660 T100, DIN EN 60947-1, IEC 60947-1
VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1
EN 50295, EN ISO 13849-1

EU Conformity

acc. to EMC Directive

Safety Classification

according 13849-1 to PL e
MTTFd = high
PFD = 2,49 * 10⁻¹⁰

Notes

The degree of protection specified (IP code) applies only to a properly closed cover.

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