

# Technical Data

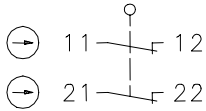
## Plastic bodied limit switch

### Series TI2 - ASI

Description **ASI TI2 RIW**

Article number **6073402019**

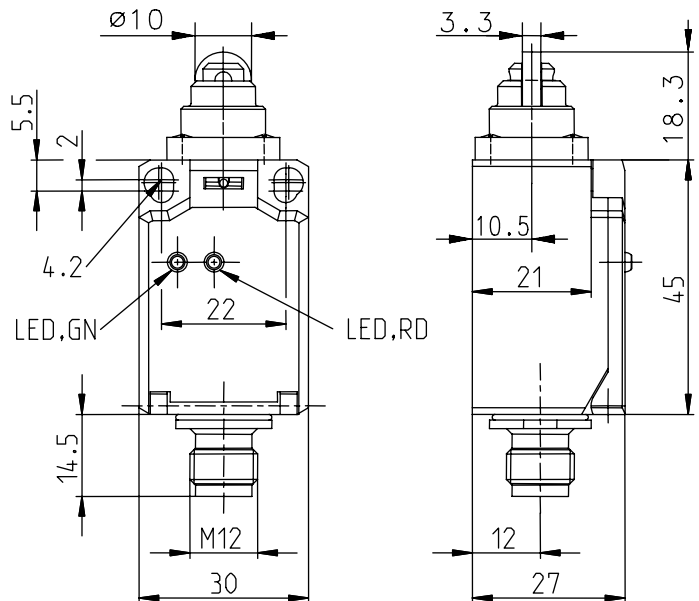
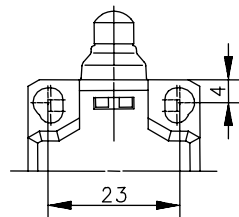
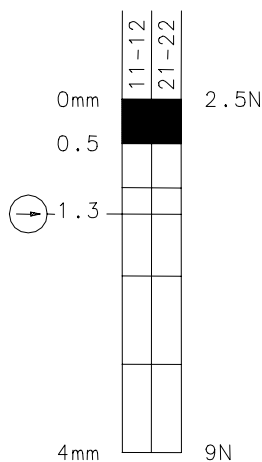
#### Operating symbol





Fixed positioning for  
safety applications

Mounting screw  
according to DIN 912 M5

#### Operating diagram



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

#### Electrical data

Operating voltage	U	26,5 ... 31,6 V; via AS-interface, reverse-polarity proof
Operating current	I	< 30mA
AS-i Specifications		Profile S-0.B
	IO-Code:	0x0 ID-Code: 0xB
	ID-Code1:	0xF ID-Code2: 0xF
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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## Plastic bodied limit switch



Mechanical data	
Enclosure	PBT, glass fibre reinforced
Cover	PA 6.6, black
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	3 x 10 <sup>6</sup> 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	≈ 0,05 kg
Installation position	operator definable
Protection type	IP65 acc. to EN 60529; DIN VDE 0470 T1

Actuation	
The push bolt actuator is mainly intended to be actuated along its 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	
EN 50295, EN ISO 13849-1	

EU Conformity	acc. to EMC Directive
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Safety Classification	
according 13849-1 to PL e	
MTTFd = high	
PFD = 2,49 * 10 <sup>-10</sup>	

Notes	
The degree of protection specified (IP code) applies only to a properly closed cover and the use of an equivalent connector.	

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Date of issue: 09.06.2011 / Page 2 of 2  
Document : 6073402019\_en / Last update : 1 / 2366-11