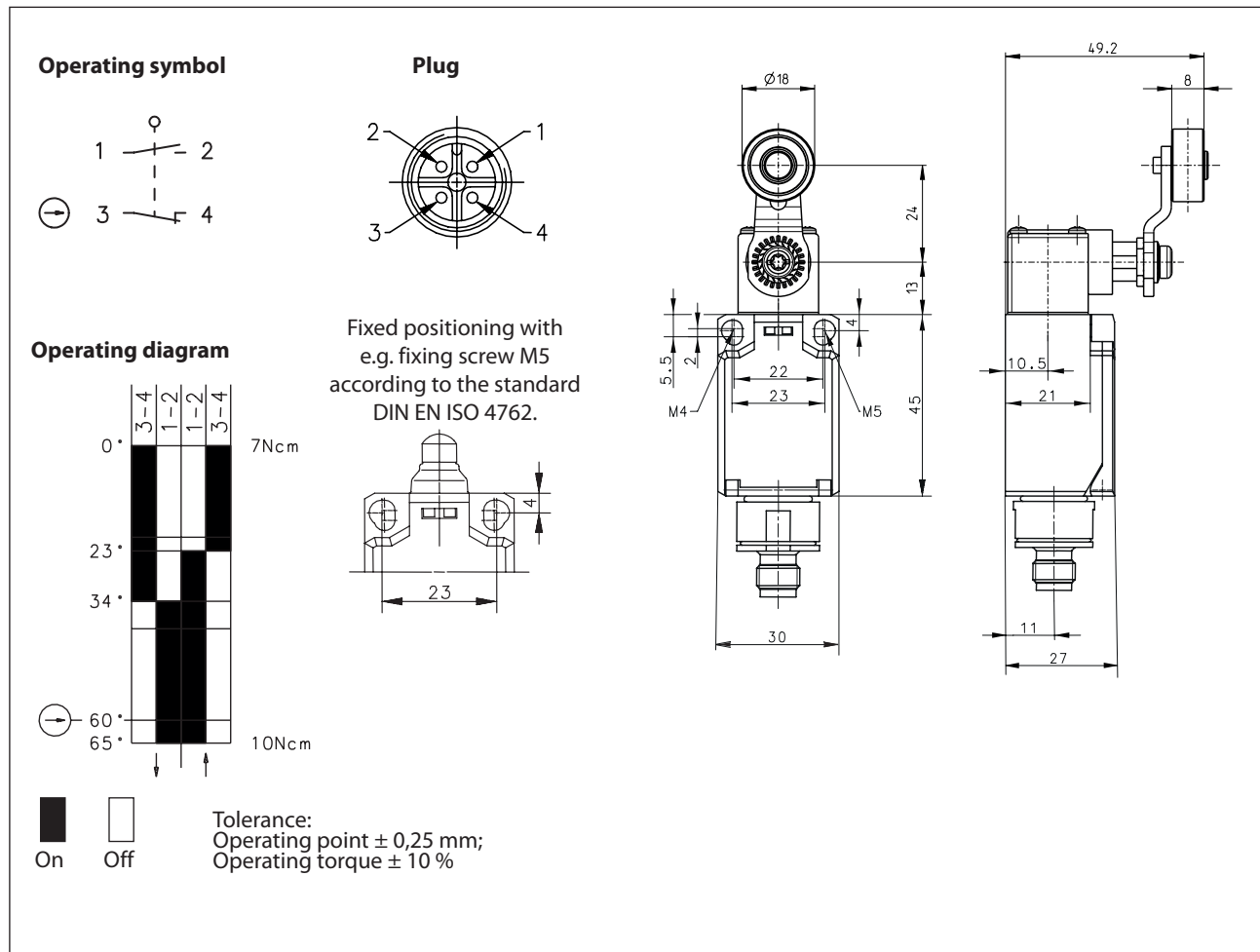




## Plastic bodied limit switch

### Series TI2

Description **TI2-SU1Z AH M12**

Article number **6188385095**


#### Electrical Data

Rated insulation voltage	$U_i$	250 V AC
Rated impulse withstand voltage	$U_{imp}$	2,5 kV
Rated operational voltage	$U_e$	240 V AC; 24 V DC
Conv. thermal current	$I_{the}$	2,5 A
Utilization category		AC-15, $U_e/I_e$ 240 V / 0,75 A
Direct opening action		acc. to IEC/EN 60947-5-1, Annex K
Short-circuit protective device		Fuse 2 A gG
Rated conditional short-circuit current		400 A
Protection class		II, totally insulated

Mechanical data	
Enclosure	Thermoplastic, glass fibre reinforced (UL 94-V0)
Cover	Thermoplastic, glass fibre reinforced (UL 94-V0)
Actuator	Turret head (thermoplastic), Lever (steel), roller (thermoplastic)
Ambient air temperature	-30 °C ... +80 °C
Contact type	1 NC, 1 NO (Zb)
Mechanical life	3 x 10 <sup>6</sup> operating cycles
Switching frequency	≤ 100 / min.
Assembly	2 x M4
Connection	Plug (male) M12x1, A-coded; mechanical life: 500 connection cycles
Weight	≈ 0,09 kg
Installation position	operator definable
Protection type	IP65 acc. to EN 60529

Actuation
<p>The actuating device is preferably started from 2 sides.          By loosening the 4 screws the actuation assembly can be rotated in 90 degree increments such that 8 actuation directions are possible.          The actuation assembly is to be again fastened to the housing using the 4 screws.</p>

Standards
DIN EN 60947-5-1

EU Conformity
acc. to directive 2014/35/EU (Low-Voltage-Directive)

Notes
<p>The intended degree of protection (IP code) only applies when the cover is closed and an equivalent plug (female) is used.          For use at the ambient temperature described, the plug connection and the cable (fixed or flexible) must be suitable for at least the same temperature range.          The plug must not be connected or disconnected when under voltage.</p>