

EGT12ASFM5C2083 (Order no. 095112)


Precision single hole fixing limit switch EGT12

- ▶ with reed contact and protective diode
- ▶ Plunger material stainless steel
- ▶ Any installation orientation

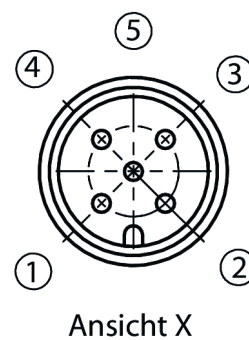
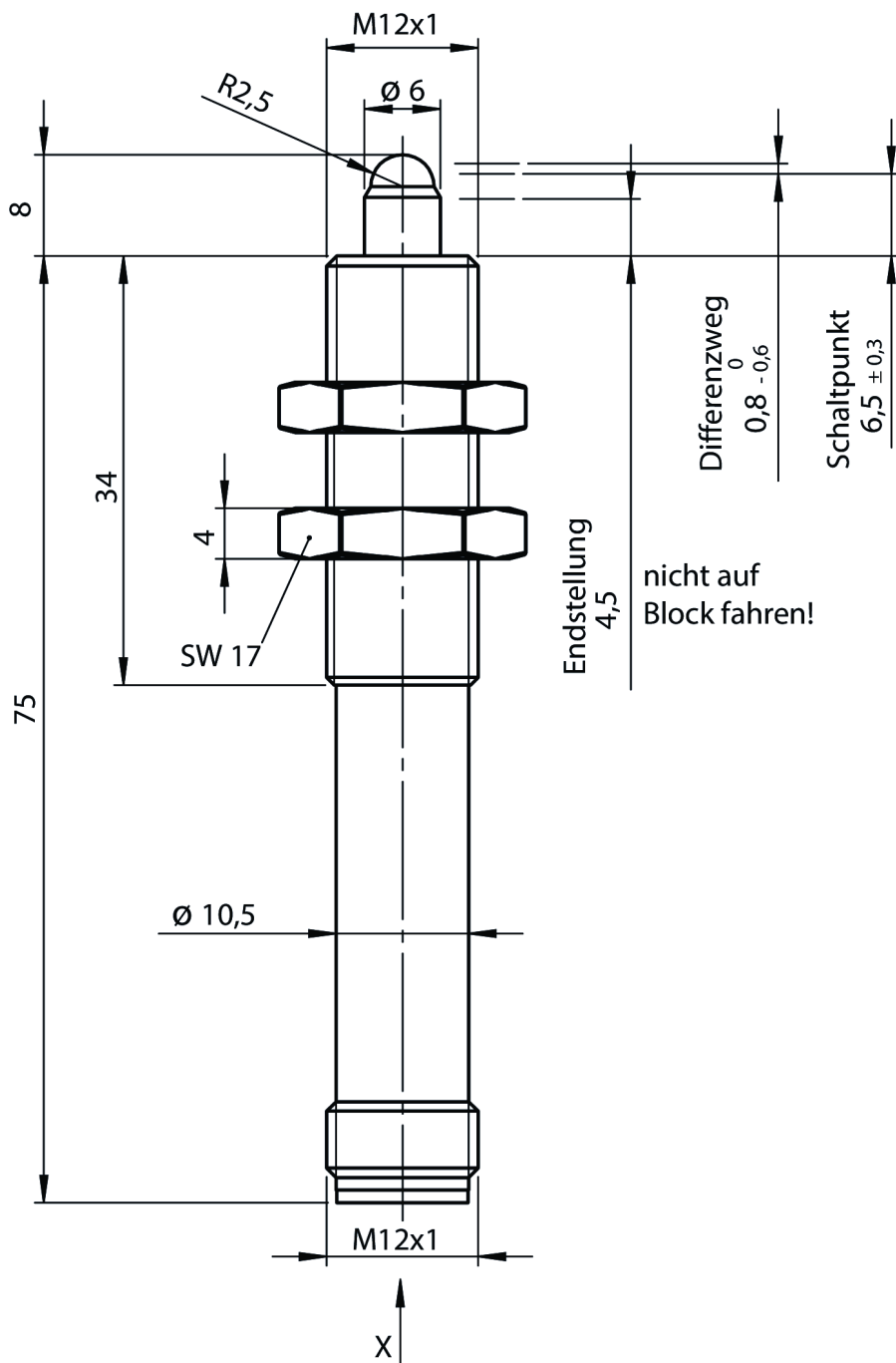


Switching element

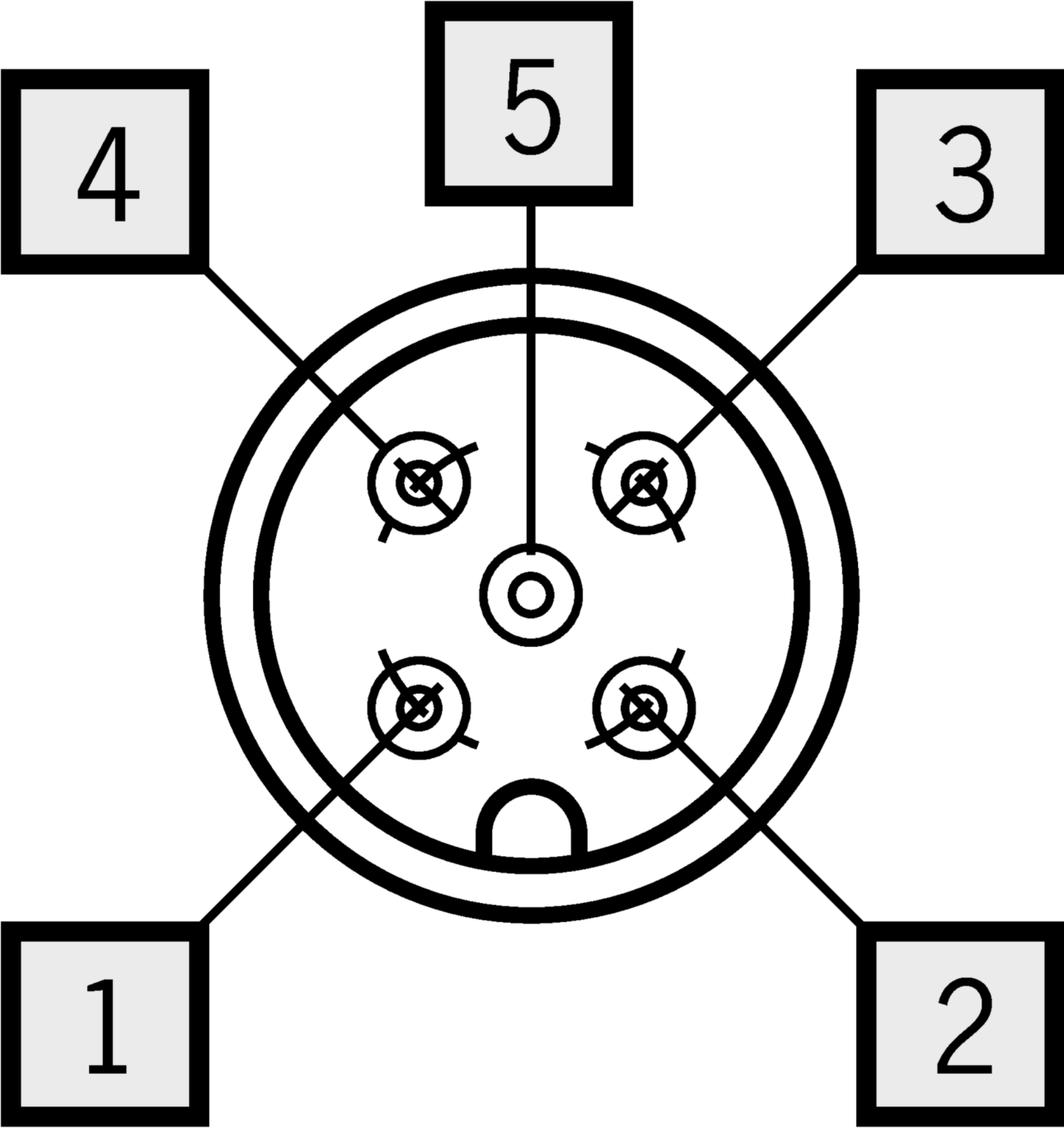
Reed contact, 1 NO contact

 Never switch incandescent lamps. Not even for test purposes. Single hole fixing limit switches must not be used as an end stop.

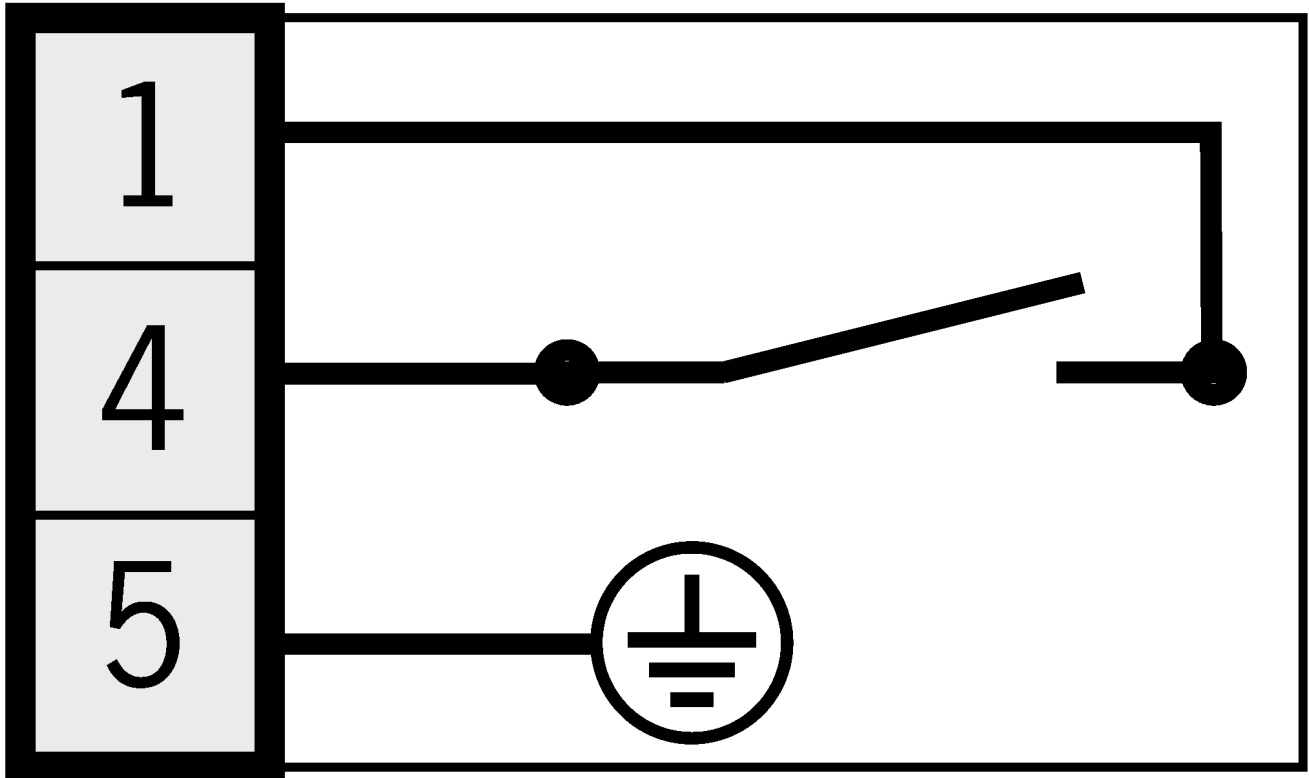
Dimensional drawings



Connection examples



Connection examples



Technical data

Approvals



Electrical connection values

Rated insulation voltage U_i	50 V
Utilization category	AC-12 0.3 A 30 V DC-13 0.3 A 24 V
Short circuit protection according to IEC 60269-1	0.4A gG
Switching voltage	min. 1 V
Switching current	min. at 24 V 1 mA

Mechanical values and environment

Approach speed	0.01 ... 8 m/min
Connection type	Plug connector (5-pin)
Number of NO contacts	1
Design	Thread M12 x 1
Actuating element	Rounded plunger (long)
Actuating force	16 N
Installation orientation	any
Mechanical life	5×10^6
Switching principle	Reed contact
Degree of protection	IP67 (Mating connector inserted and screwed tight.)
Ambient temperature	-25 ... +80 °C

Material

Contact	Rhodium
Threaded section	stainless steel
Sleeve	Brass, nickel plated

Repeat accuracy (absolute)	± 0.01 mm (on axial actuation in the retracted state after approx. 2,000 operating cycles)
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Miscellaneous

C number	C2083	Contact travel 8mm
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Downloads

All documentation for this material can be found on our website:

<https://www.euchner.de/en-us/a/095112/?#downloads-tab>

Ordering data

Ordernumber	095112
Item designation	EGT12ASFM5C2083
Gross weight	0,057kg
Customs tariff number	85365019000
ECLASS	27-27-06-01 Position switch (Type 1)

Accessories

Connection material

Connecting cable with angled plug connector M12, 5-pin, 5 m



073462

C-M12F05-05X050PU05,0-GA-073462

- ▶ M12 female plug, 4-pin + PE
- ▶ Angled plug connector
- ▶ PUR cable
- ▶ Halogen-free
- ▶ Cable length 5 m
- ▶ With flying lead
- ▶ Cores color-coded

Connecting cable with straight plug connector M12, 5-pin, 5 m



073461

C-M12F05-05X050PU05,0-GA-073461

- ▶ M12 female plug, 4-pin + PE
- ▶ Straight plug connector
- ▶ PUR cable
- ▶ Halogen-free
- ▶ Cable length 5 m
- ▶ With flying lead
- ▶ Cores color-coded