

Precision single hole fixing limit switches

- ▶ With slow-action switching element
- ▶ Plunger and housing made of high-quality stainless steel
- ▶ Any installation position
- ▶ Threaded section M12 x 1

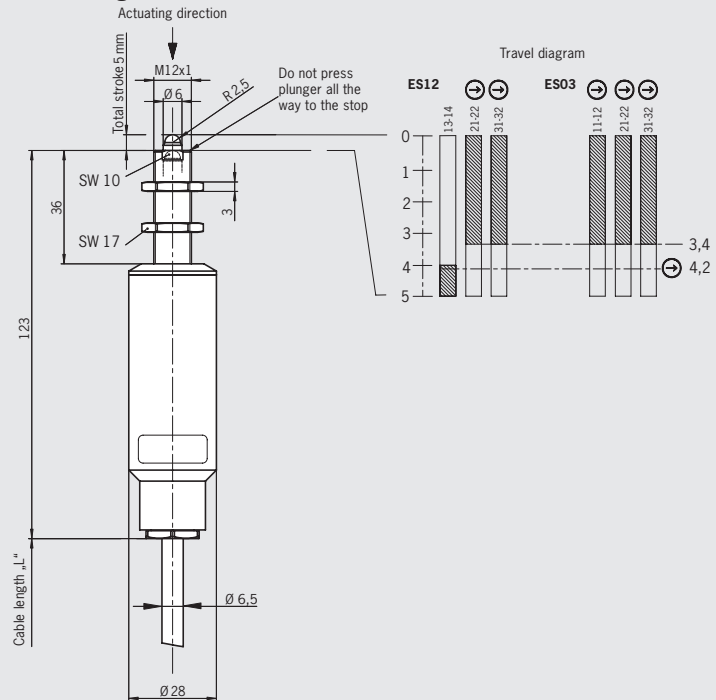
Switching element,
with 3 switching contacts



Design EGZ12, M12 x 1, dome plunger
Connection cable with PE connection



Dimension drawings



⚠ Single hole fixing limit switches must not be used as an end stop.

Wiring diagrams



Technical data

Housing material	Stainless steel
Plunger material	Stainless steel 60 HRC hardened and polish-ground
Degree of protection according to IEC 60529	IP 67
Ambient temperature [°C]	-20 ¹⁾ ...+80
Approach speed, max. [m/min]	8
Mechanical life	3 x 10 ⁶ operating cycles
Actuating force at 20 °C [N]	< 16
Switching element	Slow-action switching contact
Switching contact	See travel diagram
Contact material	Silver alloy, gold flashed
Rated insulation voltage U _i [V]	250
Rated impulse withstand voltage U _{imp} [kV]	2.5
Utilization category according to EN 60947-1-5	AC-15 U _e 230 V I _e 4 A DC-13 U _e 24 V I _e 4 A
Switching current, min., at 24 V [mA]	1
Switching voltage, min., at 10 mA [V DC]	12
Short circuit protection (control circuit fuse) [A gG]	4
Connection type	PUR cable 7 x 0.5 mm ²

1) Cable hard wired.

Ordering table

Connection cable	ES12	ES03
Connection cable 5 m	094 823 ²⁾ EGZ12-12-5000	On request

2) UL approval pending