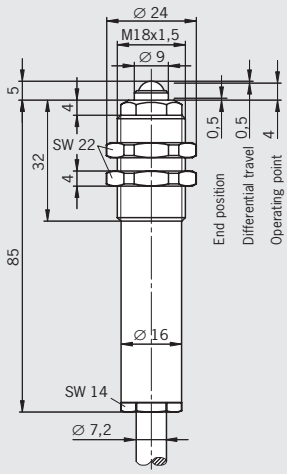
Precision single hole fixing limit switches

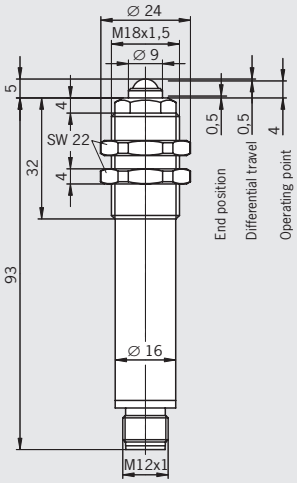
- **With snap-action switching element**
- **Plunger material stainless steel**
- **Any installation position**

Design EGT2, M18 x 1.5, ball plunger
Connection cable with PE connection

Design EGT2, M18 x 1.5, ball plunger
Plug connector M12

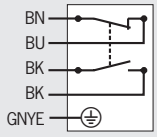
Dimension drawings

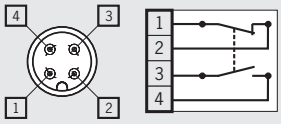




⚠ Single hole fixing limit switches must not be used as an end stop.

Wiring diagrams





Technical data

Housing material		Brass, nickel-plated	Brass chromium plated
Degree of protection according to IEC 60529		IP 67	IP 67 Mating connector inserted and screwed tight
Ambient temperature	[°C]	-5...+60	-5...+60
Approach speed, max.	[m/min]	10	10
Mechanical life		3 x 10^6 operating cycles	3 x 10^6 operating cycles
Operating point accuracy [1]	[mm]	± 0.01	± 0.01
Actuating force (end position)	[N]	Approx. 24	Approx. 24
Switching element		Snap-action switching contact	Snap-action switching contact
Switching contact		1 NC contact and 1 NO contact	1 NC contact and 1 NO contact
Contact material		Fine silver gold-plated	Fine silver gold-plated
Rated insulation voltage U_i	[V]	250	50
Rated impulse withstand voltage U_{imp}	[kV]	2.5	2.5
Utilization category acc. to IEC 60947-5-1		AC-15 U_e 230 V I_e 2 A DC-13 U_e 24 V I_e 1 A	AC-15 U_e 30 V I_e 2 A DC-13 U_e 24 V I_e 1 A
Switching current, min., at 24 V	[mA]	10	10
Switching voltage, min.	[V DC]	12	12
Short circuit protection (control circuit fuse)	[A gG]	2	2
Connection type		PUR cable 5 x 0.75 mm²	Plug connector M12 [2]

1) The reproducible operating point accuracy relates to axial actuation, after run-in of approx. 2000 operating cycles.
2) For mating connector see page 42 and 43.

Ordering table

1 NC contact + 1 NO contact	Connection cable 2 m	**001 864** EGT2-2000	–
	Connection cable 5 m	**001 865** EGT2-5000	–
	Plug connector	–	052 504 EGT2SEM4

Subject to technical modifications; no responsibility is accepted for the accuracy of this information.