

**EP1G25**□□□

- Plastic casing
- IP67
- Pre-wired

30mm width

Cross nylon roller plunger with fixing nuts

**Electrical connection exit**

**Null = Right; C = Central; L = Left**

**Electrical connections**

**U** = UL cable standard 4x0.75; L=1+12m

**M** = M12 connector

**A** = AMP connector

**Z** = Snap action contacts (1NO + 1NC)

**X** = Non overlapping slow action contacts (1NO + 1NC)

**Codes for different cable length**

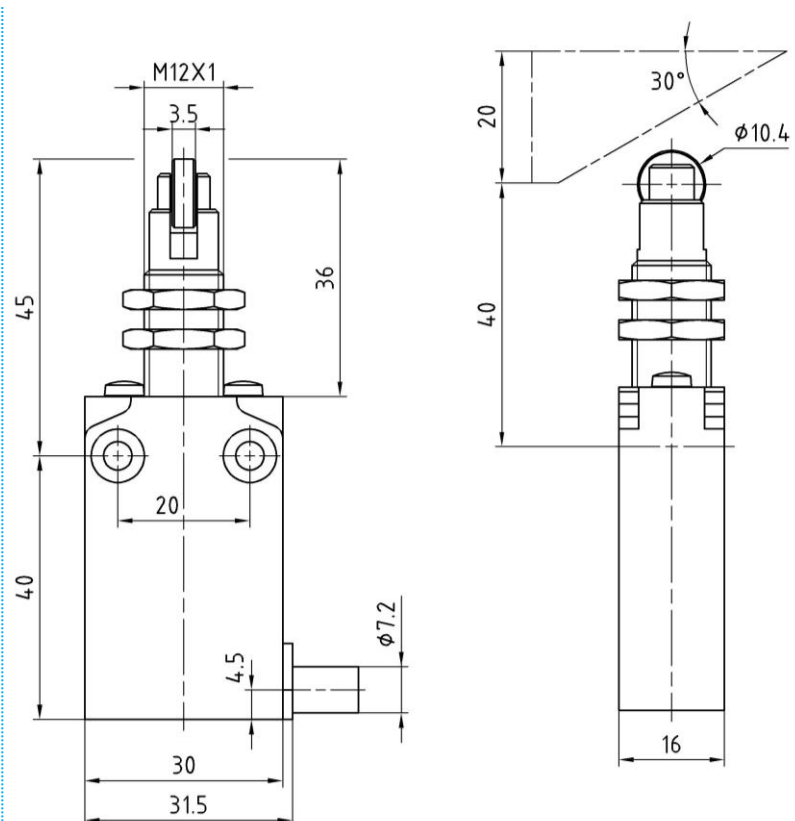
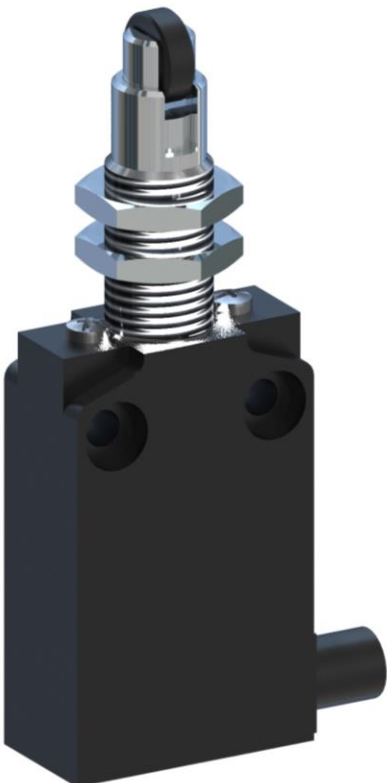
Null = 1m	020 = 2m	030 = 3m
040 = 4m	050 = 5m	060 = 6m
070 = 7m	080 = 8m	090 = 9m
100 = 10m	120 = 12m	

**EP1G25Z**□□□□

**U** = Cable UL standard 4x0.75; L=1+12m

Example 1m cable = EP1G25ZU

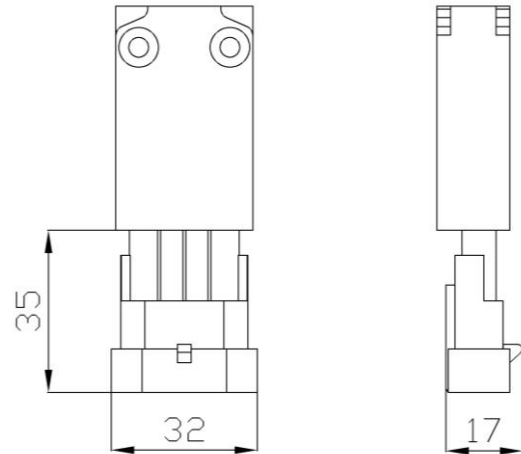
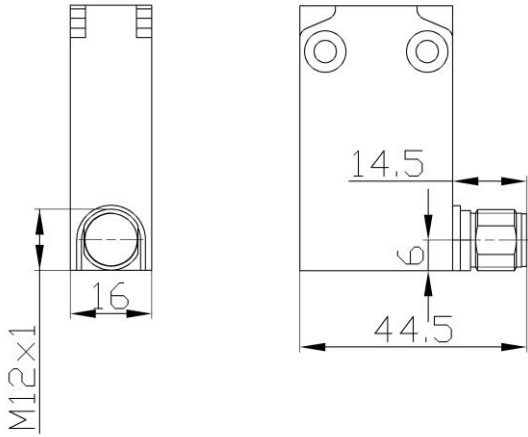
Example 2m cable = EP1G25Z020U



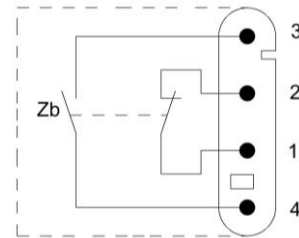
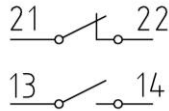
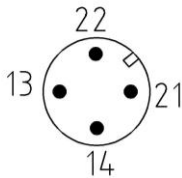
Version with M12 connector



Version with AMP connector



1NO + 1NC



Operating diagrams

<p>z</p>		<p>0 2.4 3.8 7.5 8.7 mm</p>	<p>Positive opening operations according to IEC 60947-5-1</p>
<p>x</p>		<p>0 3.3 5.9 8.7 mm</p>	<p>Positive opening operations according to IEC 60947-5-1</p>

## General Technical Data

			<b>Plastic casing</b>
<b>Standards</b>	Device conforms to IEC 60947-5-1 and EN 60947-5-1		
<b>Operating temperature</b>			
– During operations	°C		– 25 ... + 70
– For storage	°C		– 40 ... + 70
<b>Protection against electrical shocks</b> (according to IEC 61140)	Class II		
<b>Protection degree</b> (according to IEC 60529 and EN 60529)	IP67		
<b>Protection degree</b> (according to UL 50)	Type 1 enclosure ("indoor use only")		
<b>Rated insulation voltage <math>U_i</math></b>	400 V (pollution degree 3) (250V for M12 and AMP connector) B300, R300		
– according to IEC 60947-1 and EN 60947-1			
– according to UL 508 and CSA C22-2 n° 14			
<b>Conventional free air thermal current <math>I_{th}</math></b>	A		10 (4A for M12 connector)
(According to IEC 60947-5-1 and EN 60947-5-1) $\theta < 40^\circ\text{C}$			
<b>Short-circuit protection</b>	A		10 (4A for M12 connector)
$U_e < 500\text{V a.c.}$ – gG (gl) type fuses			
<b>Rated operational current</b>			
$I_e$ / AC-15 (according to IEC 60947-5-1)	24V - 50/60 Hz	A	10 (4A for M12 connector)
	120V - 50/60 Hz	A	6 (4A for M12 connector)
	240V - 50/60 Hz	A	3
$I_e$ / DC-13 (according to IEC 60947-5-1)	24V - d.c.	A	2.8
	125V - d.c.	A	0.55
	250V - d.c.	A	0.27
<b>Switching frequency</b>	Cycles/h		3600
<b>Load factor</b>			0.5
<b>Resistance between contacts</b>	m $\Omega$		25
<b>Mechanical durability</b>	Millions of operations		10