ET Series

Waterproof limit Switch

High protection | Complete | Plastic-steel drive shaft



IP67

Waterproof Dustproof



2m 3-core cable

Tensile·Folding-resistant



Aluminum alloy

Compression-resistant



Internal potting glue

Full potting and sealing
IP67 Waterproof



IP67 Professional Protection

IP67 is a protection level defined by the International Electrotechnical Commission (IEC), representing level 6 dust protection and level 7 water protection.

Dustproof（Level 6）:

Can prevent fine dust from entering (such as in sandy or dusty environments).

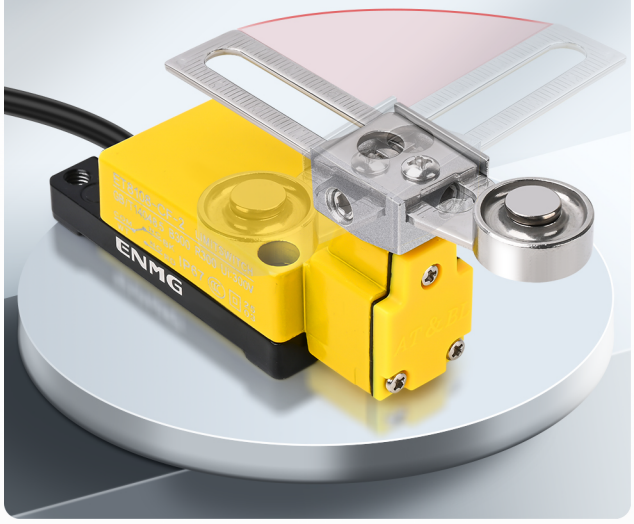
Waterproof（Level 7）:

Can withstand short-term immersion in 1 meter of water for 30 minutes.
(Such as accidental falling into water, heavy rain environment)



304 Stainless Steel Swing Arm

Swing left and right, with a maximum single-side amplitude of 60°

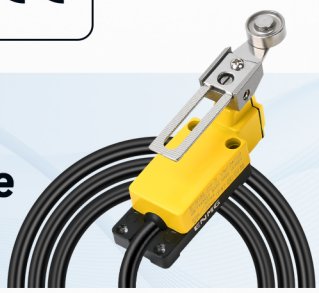


Multiple Standards

*As per label.

1 CO

Length of 3-core wire Customization



Product Information.

- Product brand : ENMG 恩爵
- Product name : ET series waterproof travel limit switch
- Contact form : 1NO/1NC
- Contact material : Silver alloy contacts
- Rated voltage : 5A 250VAC/30VDC resistive load
- Protection class : IP67
- Product certification : CE、CCC
- Ambient temperature : -25°C~+80°C
- Ambient humidity : Use in short-term immersion in water
- Operating speed : 0.5mm~50cm/s
- Action frequency : Mechanical 120 times/min
- Contact resistance : 30mΩ
- Insulation resistance : >100MΩ
- Withstand voltage : Between non-continuous terminals, 500VAC,50/60Hz,Lasting for 1 min
  Current-carrying & non-current-carrying components Between the terminal and the ground, 1500VAC,50/60Hz,Lasting for 1 min
- Service life : Mechanical >5 million times, Electrical>500,000 times
- Cable length : 2m by default（Customizable）

* Product features and appearance structure are subject to change due to technological innovation and improvement without prior notice;
Due to reasons such as shooting, typesetting, printing, etc., there will be slight differences between the product images and the actual products.

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Select Specifications.

Model Description

The design of product models and ordering codes is intended to cover all possible specifications of this series of products, and they cannot be combined arbitrarily. If you have any questions during the first selection, please contact the technical service engineers for confirmation.

Stroke limit switch
IP67 waterproof
series

Contact form
C:1NO/1NC
A:1NO
B:1NC

Extension cord
2:2m cable
Customizable

ET - 8108 C - F 2

Operation type
8108:Adjustable roller handle
8107:Adjustable metal rod handle
8111:Top plunger button
8112:Top plunger roller
8104:Roller handle
8124:Side plunger roller
8158:Top pressure-resistant abrasive block type
8159:Universal pull-out roller type
8166:Universal nylon type
8167:Universal spring type
8168:Universal steel rod type
8178:Universal press roller type

Waterproof type
F:Waterproof

Selection Table

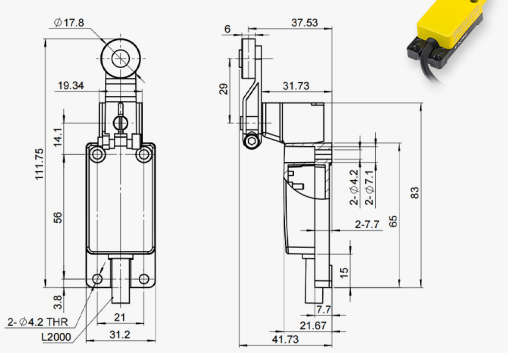
Function type	Model	Action characteristics				
		OF	RF	PT	OT	MD
Adjustable roller	ET8108-CF	350g	10g	25°	50°	12°
Rotating pointer	ET8107-CF	350g	100g	25°	50°	12°
Pressing cylinder	ET8111-CF	1000g	150g	1mm	3mm	1mm
Horizontal pressure roller	ET8112-CF	1000g	150g	1mm	3mm	1mm
Rotating short scale	ET8104-CF	350g	10g	25°	50°	12°
Universal nylon rod	ET8166-CF	200g	100g	30mm	/	/
Universal spring rod	ET8167-CF	200g	100g	30mm	/	/
Universal steel rod	ET8168-CF	200g	100g	30mm	/	/

Meaning of action characteristics:
1.OF(Actuating force):The force that must be applied to the drive rod to move it from the free position to the working position.
2.RF(Restoring force):The force that must be applied to the drive rod to move it from the full stroke position to the return position.
3.PT(Pre-travel):The distance or angle of movement of the drive rod from the free position to the operating position.
4.OT(Overstroke):The distance or angle of movement of the drive rod from the operating position to the full stroke position.
5.MD(Hysteresis stroke):The distance or angle of movement of the drive rod from the operating position to the return position.

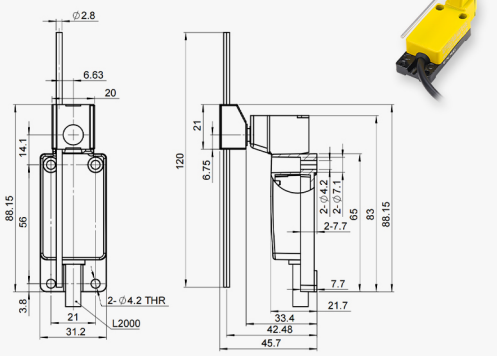
Overall Dimension

*Unit: mm±0.5.The dimensions are measured manually,so there may be deviations. Please refer to the actual product.

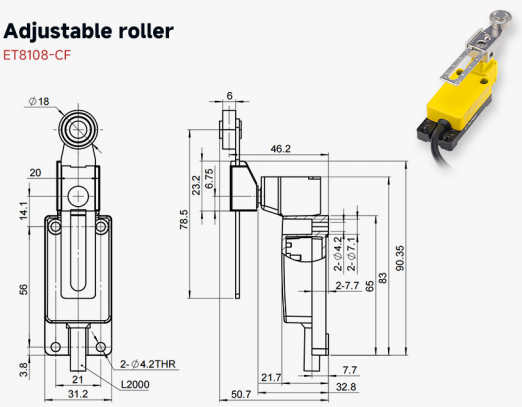
Rotating short scale
ET8104-CF



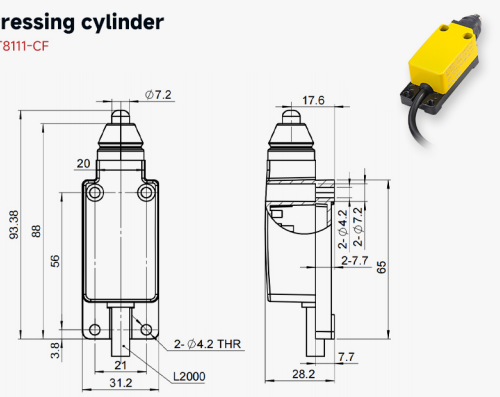
Rotating pointer
ET8107-CF



Adjustable roller
ET8108-CF



Pressing cylinder
ET8111-CF



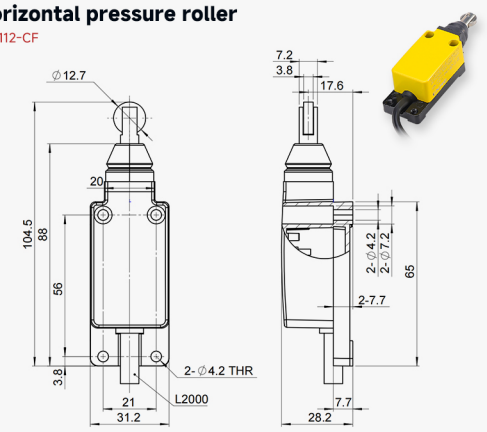
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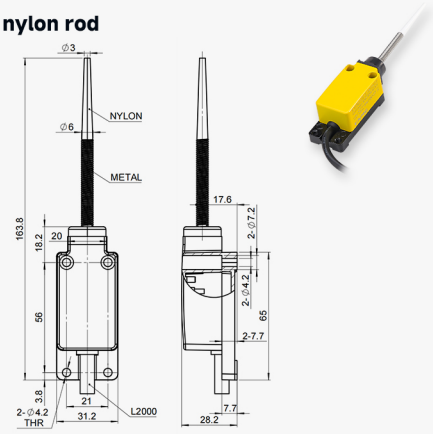
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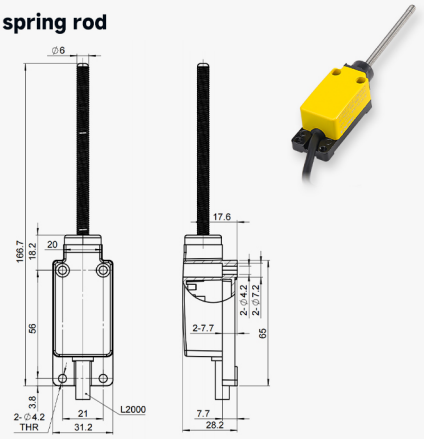
Horizontal pressure roller
ET8112-CF



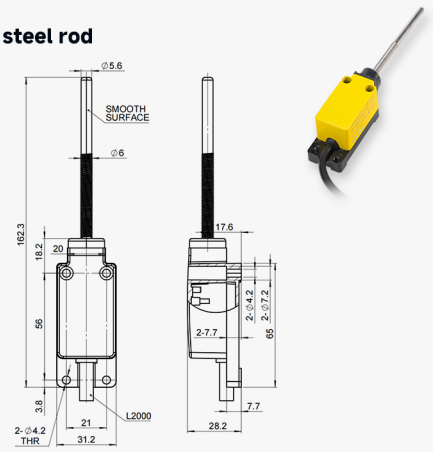
Universal nylon rod
ET8166-CF



Universal spring rod
ET8167-CF



Universal steel rod
ET8168-CF



Appearance Display.





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ENMG 恩爵

Started in 2012, exploring the frontier, leading innovation, self-transformation, the world of ideas.

始于2012年，探索前沿 、 创新引领 、 自我蜕变 、 理念世界。

ENMG INTELLIGENT TECHNOLOGY

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温州元璋电气有限公司

公司地址 Address： 浙江省乐清市柳市镇柳江路3788号

联系方式 Telephones： 400-996-2708

官方网站 Website： www.enjue.cc

迪威模型 3D Model： www.3dwhere.com/user/135269

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