

WEP series

Draw string sensor



Feature:

- Flexible installation and easy to use
- High accuracy, up to 0.1% F.S
- High resolution, smooth movement, life of more than 5 million times • Protection level: standard IP65
- Maximum range up to 20M, a variety of signals.

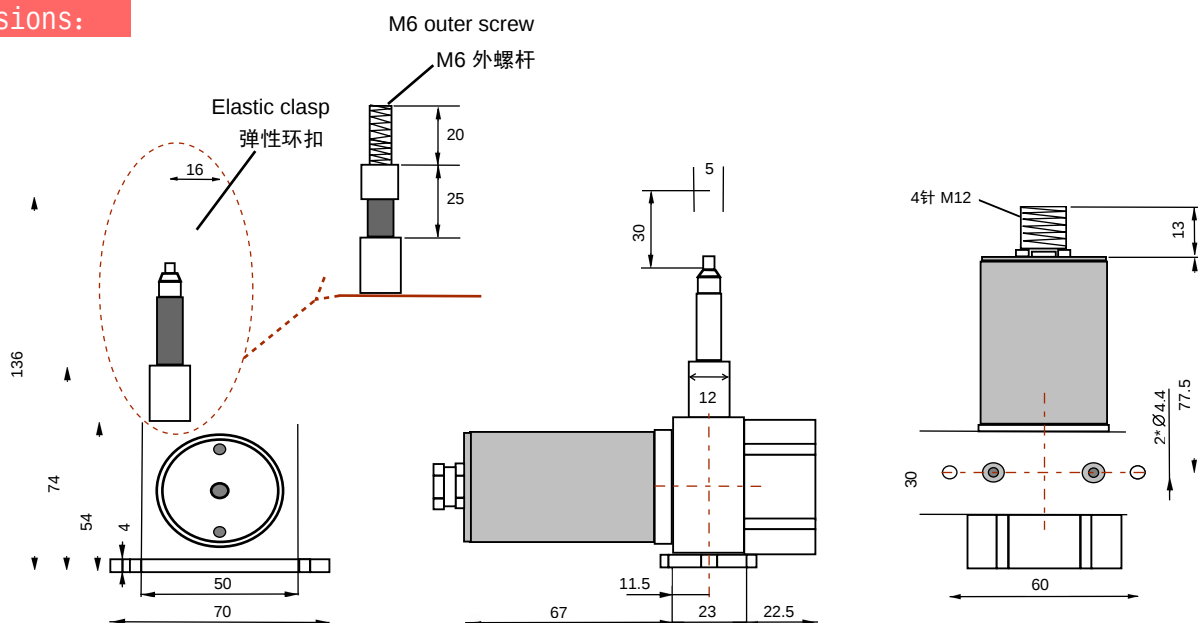
Details:

- Anodized aluminum for the outer shell
- Steel wire imported steel wire coated diameter 0.7mm
- Axle bearing flexible double bearing
- Resistance element precision wire-wound, conductive plastic hybrid potentiometer
- Mechanical connection elastic ring buckle, M6 screw nut lock
- Electrical connection to 4-pin M12 round aviation plug or straight out shielded cable

Usage:

- Elevator, elevator, lifting platform
- Factory automation, forklift
- Sluice control

Dimensions:



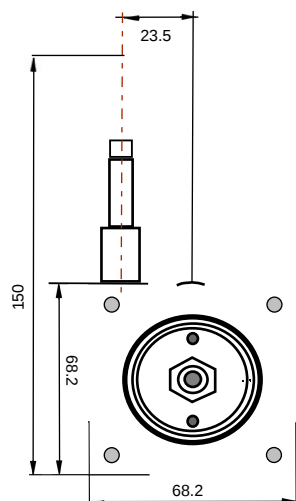
WEP50 系列直出线缆型

WEP50 series with direct cable

航空插头型

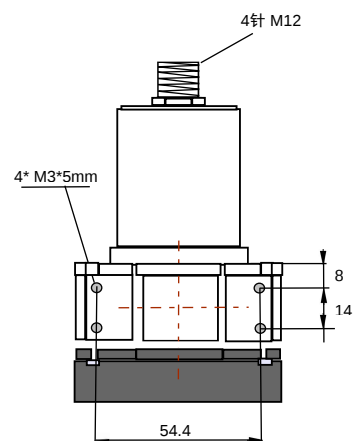
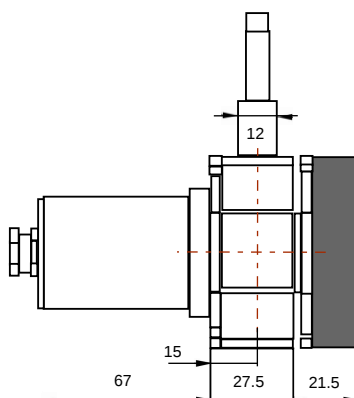
with cable connector

Dimensions:



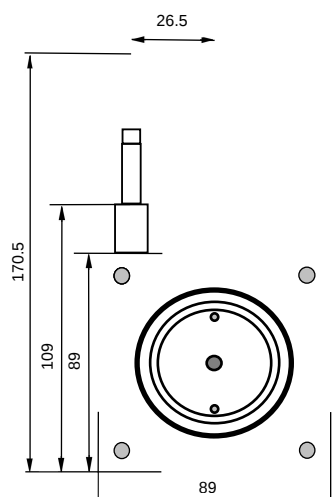
WEP70 系列直出线缆型

WEP70 series with direct cable



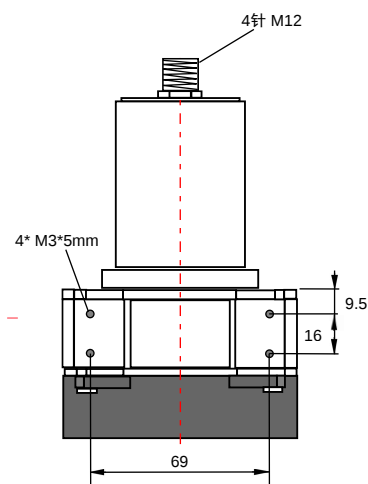
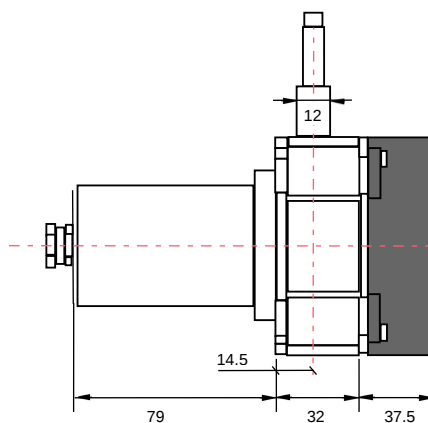
航空插头型

with cable connector



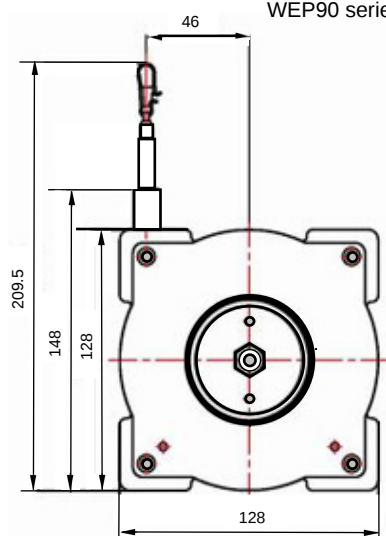
WEP90 系列直出线缆型

WEP90 series with direct cable



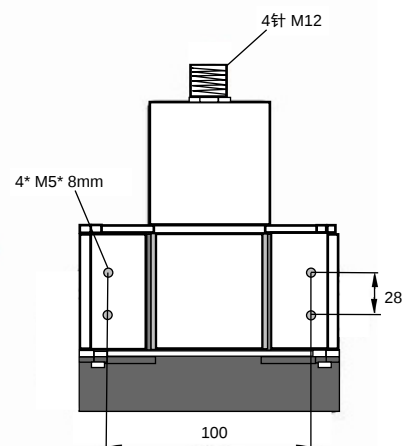
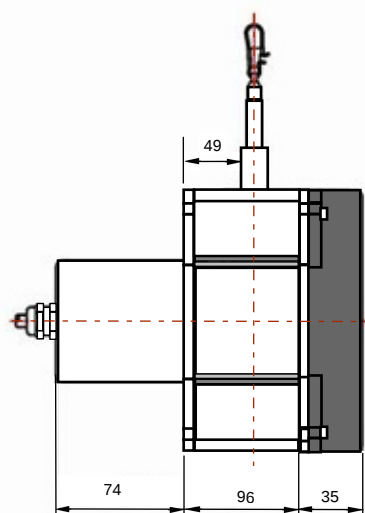
航空插头型

with cable connector



WEP130 系列直出线缆型

WEP130 series with direct cable

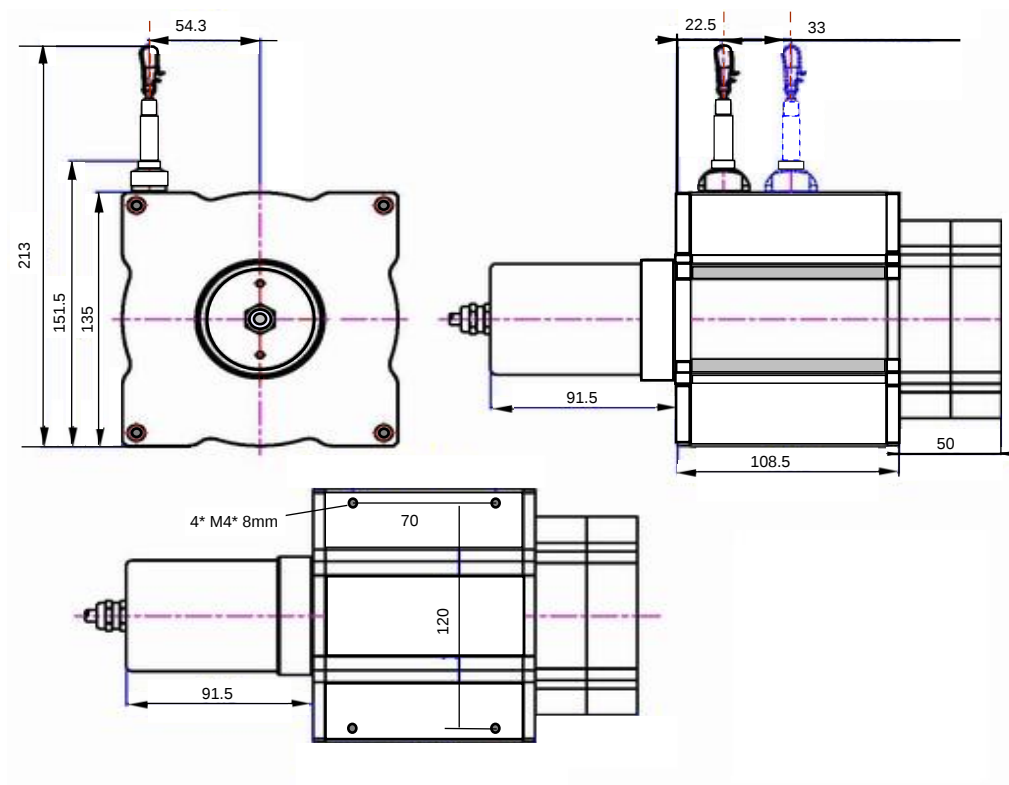


航空插头型

with cable connector

Dimensions:

WEP130 long range



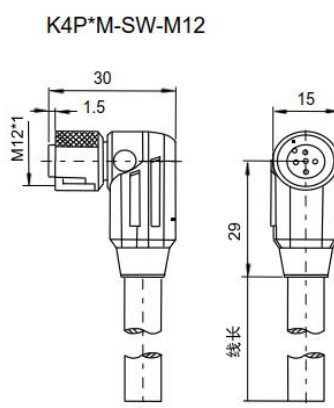
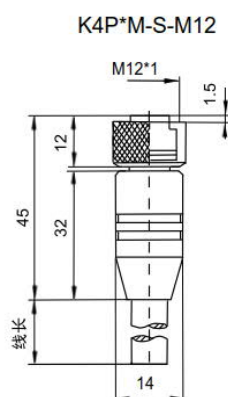
Series	系列	Optional range 可选量程 (mm)
	WEP 50	100、200、250、300、500、1000
	WEP 70	750、1250、1500
	WEP 90	2000、2500、3000、4000
	WEP130	5000、6000、7000、8000
Long range	WEP130 大量程	9000、10000、... 20米



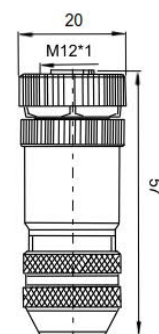
Dimensions:

.航空圆接头

round connector interface



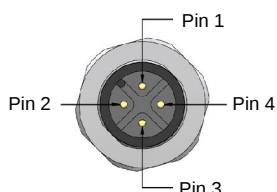
EEM33- 88 -N -(M)



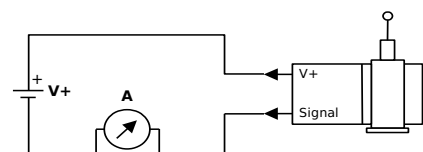
Parameters:

Parameters	unit	details
Series		WEP50 WEP70 WEP90 WEP130 WEP130 (long range)
Output signal		potentiometer 0-5K、4-20mA、0-5V / 0-10V、RS485(Modbus)
Working voltage	VDC	12-24V (MAX.30V)
Working temperature	°C	-20 ...+85 up to -25...+120°C(max)
storage temperature	°C	-20...+100
Reciprocating speed	M/S	0.5
Anti-vibration frequency	Hz	5...1500
amplitude	mm	Max0.75
accelerate speed	g	aMax=10
Anti-shock time	ms	11
forece	g	20
Working life	time	> 20 x 10 ⁶ long life up to five millions
Protection level		IP 65
Linearity	±%.F.S	0.25 (range ≤ 750mm) 、 0.1 (range>750mm)
Repeatability	mm	≤ 0.1mm

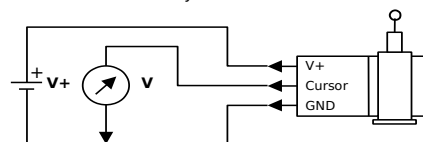
Wirings:



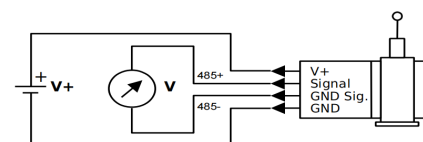
PIN NO.	K4P...series of cable connector (orange) without sheilding	EEM33-88-N-(M) or direct output shielding cable	current output 4-20mA	voltage output 0-10V	Serial output RS485	potentiometer output
1	brown wire	brown wire	signal+	24V	24V	5V/10V
2	white wire	green wire	24V	signal+	power GND	signal+
3	blue wire	white wire		signal- & GND	485+	signal- & GND
4	black wire	yellow wire			485-	



two-wire system for current



potentiometer (three-wire system for voltage)



four-wire system for voltage or RS485

Instructions:

WEP XX - XXXX - XX

series

50
70
90
130

Range(mm)

200、250
750、1000、
...
5000、6000
9000、
20000.

Output signal

R : potentiometer output standard (0-5) KΩ, other specification optional
 A1: 4-20 mA two-wire system
 V1: 0-10 V three-wire system
 V2: 0-5 V three-wire system
 R5: RS485 Modbus RTU