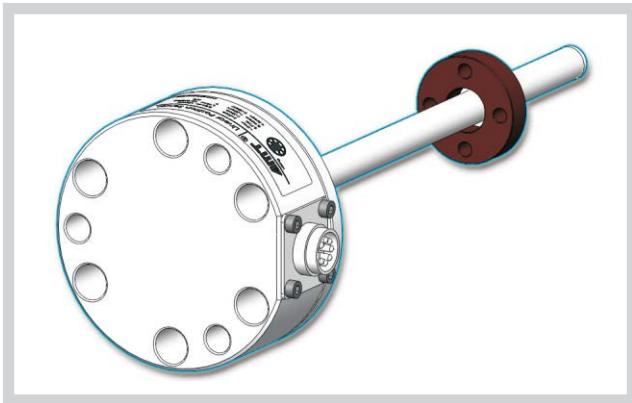


GB Series | analog output: 4~20mA, 0~20mA, 0~10V, -10V~+10V



Product features

- Compact electronic warehouse ,Thickness: 34mm
- Flange installation of the end , Save installation space
- Rugged and reliable, oil-resistant, dirt-resistant
- Absolute position output, No need to return to zero
- Non-Contact Sensing with Highest Durability

The size of GB series' s electronic head is 34mm. This series products are suitable for the built-in installation of U-earrings hydraulic cylinder. The features: compact structure, strong anti-interference ability, fully seal design, dirt-resistant, oil-resistant, waterproof. They are widely used in engineering machinery and power machinery.

Technical Data

Project name	Data/Index
Measurement parameters	
Measuring range	50~3250mm
Out put	0~20mA (min/max: 0/500 Ω)
	4~20mA (min/max: 0/500 Ω)
	0~10V (min > 5k Ω)
	-10~+10V (min > 5k Ω)
Resolution	16 bit
linearity	< ±0.01% F.S. (Minimum ± 50 μ m)
Repeatability	< ±0.001% F.S. (Minimum ± 1 μ m)
Update time	> 1.5kHz

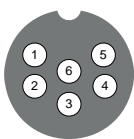
Electrical characteristics

Leading-out mode	cable outlet or 6 pin connector
Input voltage	24VDC (-15/+20%)
Current drain	< 50mA (With the range of variation)
Polarity protection	up to -30VDC
Overvoltage protection	up to 36VDC
Electric strength	500V (DC ground to machine ground)
Diagnostic display	nothing

Electrical connection

Analog output pin definition

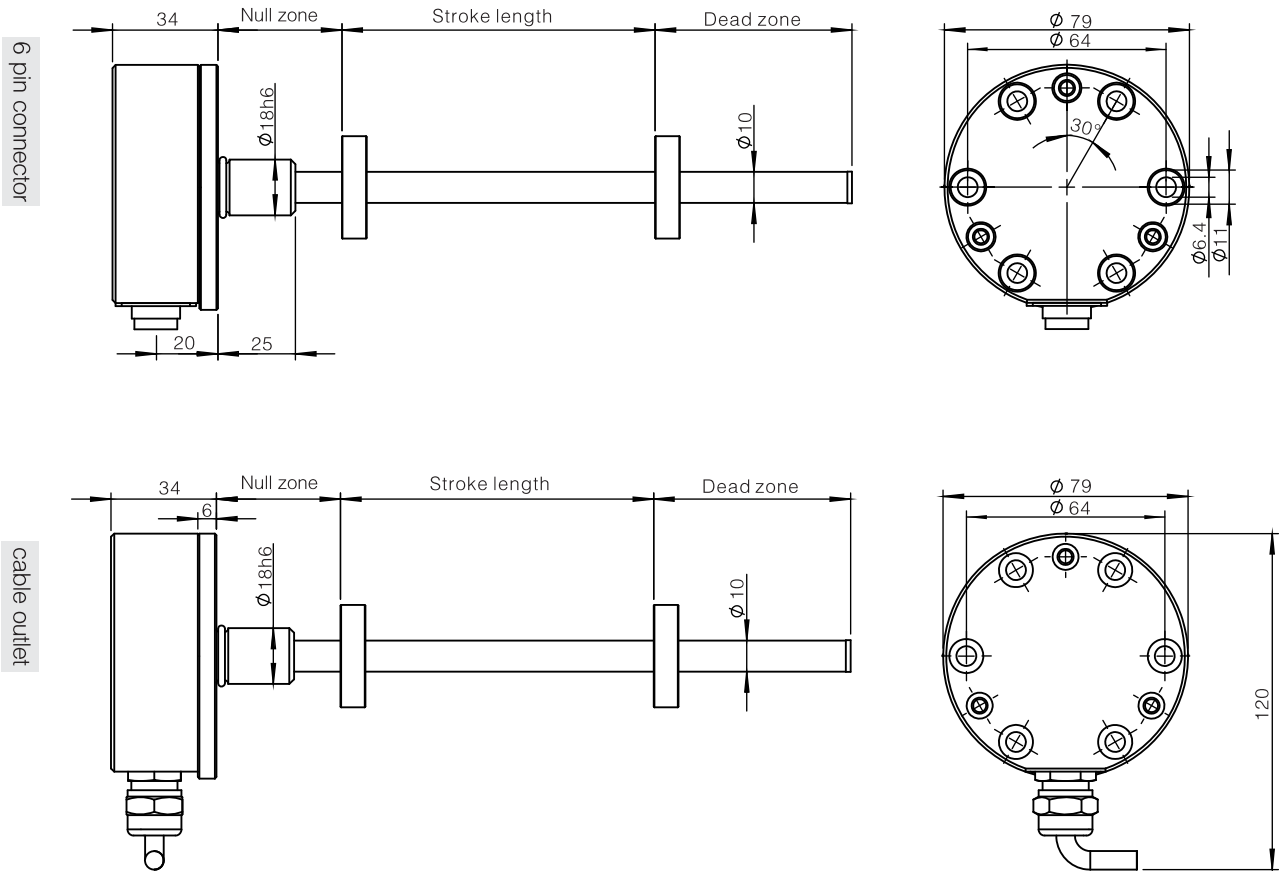
Pin	Cable	Function
1	Grey	(+) Output
2	Pink	(-) Output
3	Yellow	Prog.
4	Green	Com.
5	Brown	+24Vdc
6	White	DC GND (0 Vdc)



Male insert sensor plug
rear of cable connector

Project name	Data/Index
Design, material	
Sensor head	AISI 304
Sensor stroke	AISI 304
Mounting flange	AISI 304
Installation	
Mounting direction	any
Mounting mode	Six M6X16 end flange pressure seal tightly
Position magnet	Ring magnet OD33, OD25.4
Operating conditions	
Magnet speed	any
Operating temperature	- 40°C ~ +85°C
Dew point/humidity	90%rel.humidity, no condensation
Temperature coefficient	< 30ppm/°C
Protection	cable outlet output IP68, 6 pin connector output IP67
Pressure rating	350bar/700bar peak

■ Outline dimensions



Explain: Electronic head comes with mounting flange, six M6 × 16 (ISO4762) screws are directly fixed on the installation face though the e-head screw hole.

■ Style guide

