Technologies CD115 POTENTIOMETRIC OUTPUT DRAW-WIRE – MEASUREMENT RANGE 0 UP TO 3000 MM

The CD115 Potentiometric is a Draw Wire sensor that utilizes a precision potentiometer output to indicate linear motion of the draw wire. Utilizing a spring loaded rotary cable real with a stainless steel measuring cable and an aluminum enclosure, this sensor is well suited to the industrial environments that it is intended for. Dimensions are approximately 160 X 160 X 190 mm and weight is ~ 2000 g.

Features

- Range up to 3000 mm
- Standard linearity of 0.15%
- Connector and cable output options available
- IP54 rated with IP67 option
- Built-in cable cleaning brush option available
- Well suited for dusty, hot or wet environments



SPECIFICATIONS

Measurement range	0 up to 3000 mm			
Output signal	1k Ω (other values on demand)			
Resolution	Quasi infinite (depends on the operating system)			
Material	Body and cover - aluminum (RohS) Measuring cable - Stainless steel			
Cable diameter	0,60 mm			
Detection element	Precision potentiometer			
Connection	Male connector M16 - DIN 3 pin Male connector M12 - 4 pin PVC cable - 4 wires			
Standard linearity	+/- 0,15% f.s. +/- 0,10% f.s. (optional)			
Protection class	IP54 (option IP67)			
Max. Velocity	10 m/s			
Max. Acceleration	7 m/s ² (before cable deformation)			
Weight	≈ 2000 g			
Operating temperature	-20° to +80°C			
Storage temperature	-30° to +80°C			

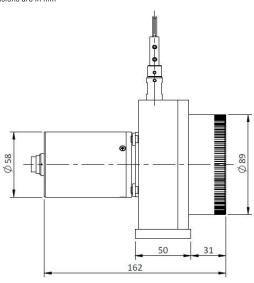


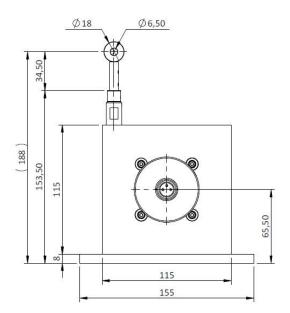
Sensata



Measurement range in mm	3000
Min. pull-out force	≈ 13,50 N
Max. pull-out force	≈ 18,00 N





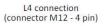


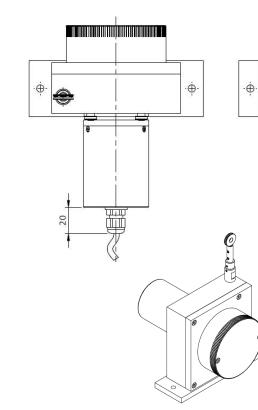
C connection (Connector M16 - DIN 3 pin)

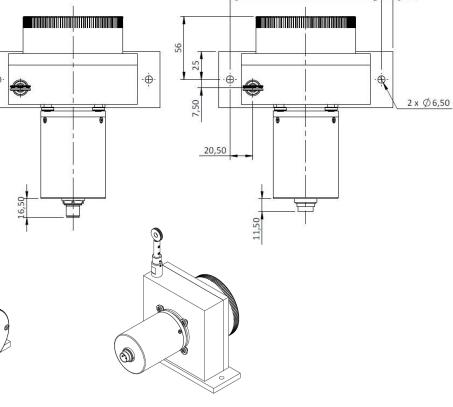
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K connection (PVC cable - 4 wires)







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	CD115 -	3000	– R01K	- L15	- K02	- OP - M4	
Model ——		\top					
CD115							
Measurement	range —						
3000 = 0 up to 3000 mm (Other ranges ava		ıd)					
Output signal							
R01K = $1k\Omega$ output (Other values on demand	(b						
Linearity —							
L15 = +/- 0.15% f.s. L10 = +/- 0.10% f.s. (opt	tional)						
Connection -							
C = Male connector M16 L4 = Male connector M16 K = PVC cable - 4 wires	12 - 4 pin	e 2 meters long	I				
OP Ontions							

OP Options

AC = Complete anodizing BR = Cleaning brush for the cable BT = Low temperature (down to -30°C) CP = Fixing of the measuring cable with a clevis IP67 = Protection class IP67 M4 = Fixing of the measuring cable with a M4 threaded rod TEV = Water evacuation holes BR = Cleaning brush for the cable

AGENCY APPROVALS & CERTIFICATES

CE

Made In France

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