

RCL40

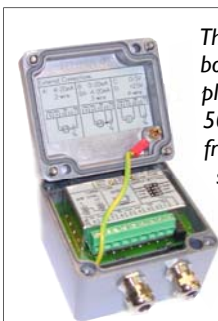
Inductive linear sensor 50-1500 (2000) mm



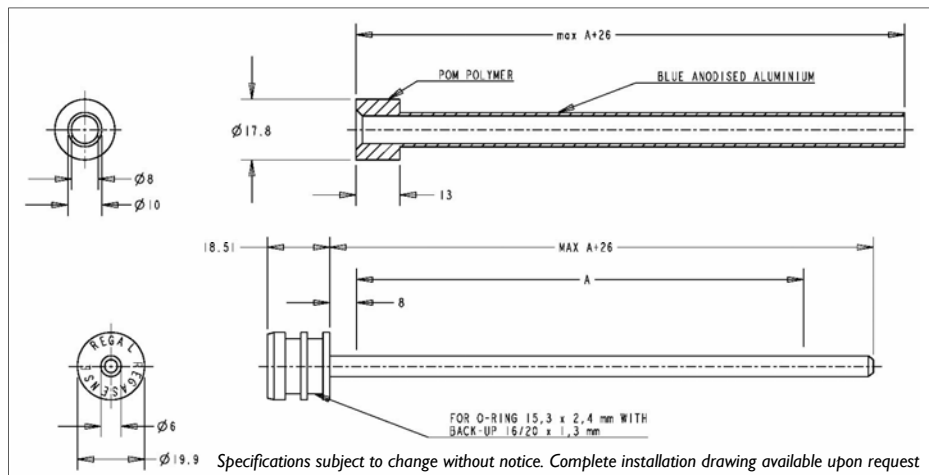
RegaSense® is the common name to our new developed inductive sensor series. It is a non-contacting technique which gives extreme long lifetime while the tube is not in contact to the stainless steel pin with the coil.

This linear sensor is designed for incorporation in hydraulic and pneumatic cylinders, to meet the increasing needs on many fields of the market. A robust sensor for very demanding applications and environments, also water hydraulics.

The quick and stable analogue electronics offer many different outputs. Own production enables customized models possible.



The electronic box can be placed up to 50 metres from the sensor and let you choice between many different outputs



Specifications subject to change without notice. Complete installation drawing available upon request

REGA SENSE®

Electrical specifications

Supply voltage	9-30 VDC
Connection sensor	2 cables
Max length sensor-electronics	50 m
Output signals	
A	4-20mA _{DC} 2-wire
B	0-20mA _{DC} 3-wire
BA	4-20mA _{DC} 3-wire
C	0-5 V _{DC} 4-wire
D (gain=1)	±2,5 V _{DC} 4-wire
Response time	6 msec
Electromagnetic immunity	According to EN 50082-2
Electromagnetic emission	According to EN 50081-2

Mechanical specifications

Stroke length	50-1100 (2000) mm
Linearity	±0,1-0,25%
Temperature range	Sensor: -40°C - +155°C
	Electronics: -25°C - +85°C
Temperature coefficient	max 0,03 %/°C
Material	Sensor: Stainless steel AISI 316
	Sensor head: Stainless steel
	Sensing tube: Aluminium
	Bushing: POM
Electronic box	80x75x60 mm
Vibration	IEC 68-2-6
Shock	IEC 68-2-27
Working pressure	350 bar

Certificat ISO 9001:2000 av

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