

## Angle and length sensors

### Serie A/L



### DESCRIPTION

- Length transducer for work area management
- Angle sensor with MEMS technology
- Single channel. Possibility to have it with dual channel for PL d systems (EN13849-1).
- Voltage, current, radiometric or CAN bus output
- Electrical connection with M12x1 connectors
- Standard length: 8.5 and 12.5 metres.
- 7x7 AISI 316 stainless steel rope coated with PA12
- Compact and waterproof aluminium body
- Easy to install
- Right or left hand mounted version
- Supplied with a plastic housing to protect the pulley

On request:  
Special length  
Electrical connection with cable

*Typical areas of application: truck-mounted cranes, mobile cranes, aerial platforms and generic mobile machines.*

## TECHNICAL DATA

Specific characteristics :

Model	Nbe de capteurs angle/longueur	Measurable length	Damped angle oscillations
A/S 8.5 -S	1/1	8.5 m	No
A/S 11.5 – S	1/1	11.5 m	No
A/S 8.5 – D	2/2	8.5 m	No
A/S 11.5 – D	2/2	11.5 m	No
A/S 8.5 – D O	2/2	8.5 m	Yes
A/S 11.5 – D O	2/2	11.5 m	Yes

Common characteristics :

Measurable angle	+ - 90°	
Power supply	5 ÷ 30	Vdc
Protection	IP 65	
Weight	3.9	Kg

Linearity, hysteresis, repeatability	± 0.25 % F.S.	
Operating temperature	-25 ÷ 70	°C

Electrical connection : 8-conductor shielded cable with standard length of 4m  
On request : pulley protection cover

## DIMENSIONS (mm)

