

Boom joint angular transducer 022725



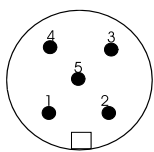
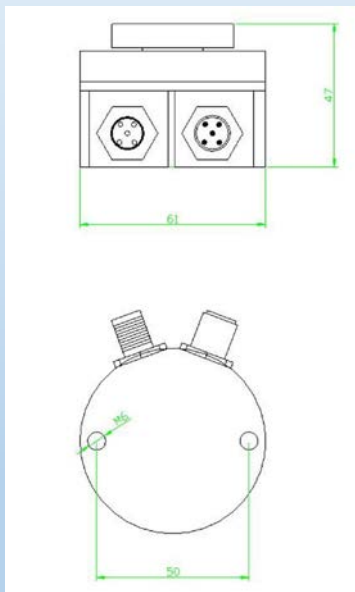
The boom joint transducer measures a non gravity depended angular movement.

Endless 360° movement range.

The transducer has 2 connectors for the CAN-Open communication including power supply

The device is built to be used in harsh environment where high accuracy is needed.

Normally used in a system together with other transducers to form a complete angle measuring instrument.



PIN	Signal
1	Not Connected
2	10..30V DC (Supply voltage)
3	GND / 0V
4	CAN_H (dominant high)
5	CAN_L (dominant low)

Technical data

Supply voltage	10 – 30 VDC
Power supply	<100mA
Measurement range	360°
Accuracy	Better than $\pm 0,25^\circ$
Special version	Better than $\pm 0,1^\circ$
Special version	Reinforced bearings for large radial forces
Resolution	$\pm 0,001^\circ$
Bus Connection	CANOpen
Housing	Steel housing, zinc plated
Mounting	2* M6 screws
Shaft	Connection plate for multiple connection possibilities.
Connection	Standard M12 A-code plug, 5 pin Male/Female
Operating temp.	-40 - +70°C
Protection	IP67