

Boom joint angular transducer, 022722



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.

Technical data

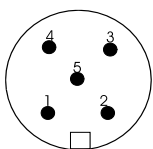
Supply voltage	10 – 30 VDC
Power supply	<100mA
Measurement range	360°
Accuracy	Better than $\pm 0,25^\circ$
Special version	Better than $\pm 0,1^\circ$

Resolution	$\pm 0,001^\circ$
Bus Connection	CANOpen

Housing	Steel housing, zinc plated
Mounting	4* M6 screws
Shaft diam.	10mm

Connection	Standard M12 A-code plug, 5 pin Male/Female
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Operating temp.	-40 - +70°C
Protection	IP67



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