

## TCW4 - CANOPEN ABSOLUTE SENSOR, NON-CONTACTING

TCW4-CANOPEN

Non-contacting absolute sensor, CANopen, multiturn

- Magnetic CANopen absolute multi-turn modular sensor
- Resolution 12bit, turn counting up to 16bit
- Robust design, shock and vibration resistant
- IP67, IP69K available



### PRODUCT DESCRIPTION

### ORDERING REFERENCE

Order number

	Type	Supply voltage	Output	Code	Resolution	Connection	Orientation
<b>TCW4:</b> Absolute multi-turn	<b>00:</b> Modular	<b>P:</b> : 5...30 V DC	<b>BB:</b> CANopen	<b>B :</b> Binary	<b>12B16:</b> 12-bit resolution 16-bit turn counting	<b>BB:</b> PVC cable + DB9 CANopen	<b>R005 :</b> 50 cm radial cable + SUBD9
<b>Ex. TCW4_</b>	<b>00 //</b>	<b>P</b>	<b>BB</b>	<b>B</b>	<b>// 12B16 //</b>	<b>BB</b>	<b>R005</b>

### SPECIFICATIONS

<b>Sensor type</b>	Absolute
<b>Housing diametre</b>	52 mm
<b>Resolution</b>	Max. 12 bit resoluutiolle ja 16 bit kierroksille
<b>Connection Thread</b>	Cable
<b>IP Class</b>	IP67
<b>Supply Voltage DC Min</b>	5 V DC
<b>Supply Voltage DC Max</b>	30 V DC

Temperature range from

-40 °C

Temperature range to

85 °C

Output

CANopen

Version

Multiturn

**CANOPEN CONNECTION, CABLE + DB9 CONNECTOR**

	N.C.	CAN LOW	CAN GND / DV	N.C.	N.C.	DV	CAN HIGH	N.C.	5/30Vdc	Ground
BB		1	2	3	4	5	6	7	8	9

Note: Refer to the bus standards for the maximal derivation length.

**TCW4 ORDERING REFERENCE** *Contact the factory for special versions, ex. (dimensions, connections, ...)*

TCW4:	Mechanics	Supply	Output stage	Code	Resolution	Connection	Orientation
	00: Modular	F: 5 to 30Vdc	BB: CANopen	B: Binary	12B14: 12 x 14 bits	BB: PVC Cable + DB9 CANopen	R005: Radial 0.9m cable with SUB9P
Ex: TCW4	00 //	F	BB	B //	12B14 //	BB	R005

