

## TCW4 - SSI ABSOLUTE SENSOR, NON-CONTACTING

TCW4-SSI

Non-contacting absolute sensor, SSI, multiturn

- Magnetic SSI 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 Vdc	<b>SS :</b> SSI	<b>B:</b> Binary <b>G:</b> Gray	<b>12B13D5:</b> 25-bit <b>12B12D4</b> 24-bit	<b>S5 :</b> SSI - PUR cable	<b>R005 :</b> 50cm radial cable
Ex. TCW4_	<b>00 //</b>	<b>P</b>	<b>SS</b>	<b>// G //</b>	<b>12B13D5</b>	<b>S5</b>	<b>R005</b>

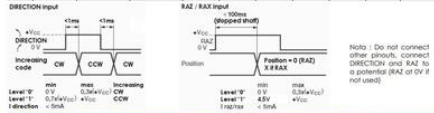
### SPECIFICATIONS

<b>Sensor type</b>	Absolute
<b>Housing diameter</b>	52 mm
<b>Connection Thread</b>	Cable
<b>IP Class</b>	IP67
<b>Supply Voltage DC Min</b>	5 V DC

Supply Voltage DC Max	30 V DC
Temperature range from	-40 °C
Temperature range to	85 °C
Output	SSI
Version	Multiturn

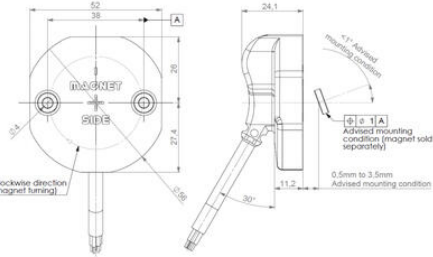
**STANDARD SSI CONNECTION**

Ref.	Type	+ Vcc	0 V	Clk+	Data+	EAZ	Data-	Clk-	Direction	Ground
SS	SSI cable PUR E200/500	BN/GN Brown/Green	WH/GH White/Green	GA Green	GY Gray	BU Blue	PK Pink	BR Brown	WH White	General shielding



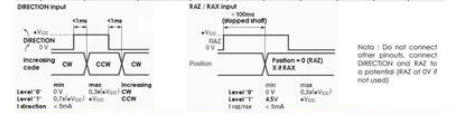
**TCW4 ORDERING REFERENCE** (Contact the factory for special versions, e.g. dimensions, connectors...)

TCW4	Mechanics	Supply	Output stage	Code	Resolution	Connection	Orientation
	D0	F	SS	B	1281206	SS	R005
	Magnetic Absolute multi-turn encoder	3 to 30Vdc	SS without parity	Binary	25 bits	SSI PUR cable	30cm radial cable
				G	1281204		
				Gray	24 bits		
Ex. TCW4	D0	F	SS	G	1281204	SS	R005



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