

TCW4 - NON-CONTACTING POSITION SENSOR, ANALOG OUPUT

TCW4-ANALOGIA
TCW4 analog sensor

- Magnetic analog absolute multi-turn modular sensor
- Robust design, shock and vibration resistant
- 0-10 V, 0,5-4,5 V or 4-20 mA
- IP67, IP69K available
- 2m connecting cable



PRODUCT DESCRIPTION

ORDERING REFERENCE

Order number						
	Type	Supply voltage and output	Direction	Resolution	Connection	Connection orientation
TCW4: Absolute multi-turn	00: Modular	3L1 : 15 -30 V DC 0..10 V output	1 : CW Clock-wise	xxxxx : Calibrated angle	L3 : 3 wire PVC cable, PUR available.	R020 : 2m cable
		5L2 : 10 -30 V DC 0.5..4.5 V output	2 : CCW Counter clock-wise	Ex: 03600 3600°		
		3L3 : 15 - 30 V DC 4..20 mA output				
		3L4 15...30 V DC 0..20 mA output				
		2LR : 5V +/- 5 % Ratio 10...90 % voltage supply				
Ex. TCW4_	00 //	3 L1	1	// 03600 //	L3	R020

SPECIFICATIONS

Sensor type	Absolute
Housing diametre	52 mm
Resolution	Max. 12 bit resoluutiolle ja 16 bit kierroksille
Connection Thread	Cable
IP Class	IP67
Supply Voltage DC Min	5 V DC
Supply Voltage DC Max	30 V DC
Temperature range from	-40 °C
Temperature range to	85 °C
Output	0,5-4,5 V, 0-10V, 4-20 mA
Version	Multiturn

CONNECTION						
	VRef	0V	Analog output	RAZ - Reset	Direction	Ground
L5	Brown BH	White WH	Green GH	Blue BU	Red RD	General shielding

ORDERING REFERENCE (Contact the factory for special versions, ex : stainless steel version, connections...)						
TCM4 :	Mechanics	Supply Output stage	Direction	Resolution	Connection	Connection orientation
Absolute multi turn encoder	00 : Modular	311 : 15 to 30Vdc 0.10V output 312 : 10 to 30Vdc 0.1, 4.2V output 313 : 15 to 30Vdc 4.20mA output 314 : 15 to 30Vdc 0.20mA output 318 : 0V +/- 3% Ratio 10...100 voltage supply	3 : Analog output with Direction input	XXXX : Combined angle in degree Ex : 03600 360°	L5 : cable output	R020 : Radial Cable 2m
Ex: TCM4	00 //	311	3 //	03600 //	L5	R020

