

HCW4 - NON-CONTACTING SENSOR, INCREMENTAL OUTPUT

HCW4PG590032G3

Incremental sensor, 32 c/t, 2m cable

- Magnetic incremental modular sensor
- Resolution up to 1024
- A, B and Z channels, also inverted
- IP67, IP69K available
- 2m connecting cable



PRODUCT DESCRIPTION

ORDERING REFERENCE

	Type	Supply voltage and output	Channels	Resolution	Connection	Connection orientation
HCW4: Incremental sensor	00: Modular	2G2: 5 V DC TTL/RS422 output PG5: 5...30 V DC Push-pull output (TTL / RS422 available if encoder supply 5 V DC)	9: A, A/ B, B/ 0, 0/	XXXXX: Available resolutions: 32, 64, 128, 256, 1024 cycles/turn	G3: 8 wire PVC GP: 12 wire PUR	R020: 2m cable
Ex: HCW4_	00 //	PG5	9	// 01024 //	G3	R020

SPECIFICATIONS

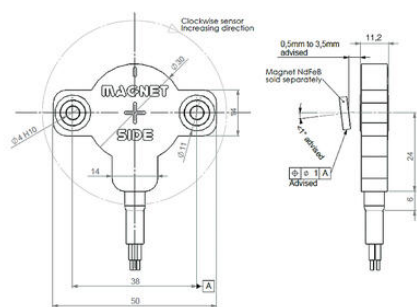
Sensor type	Incremental
Housing diameter	50 mm
Resolution	32 P/R
Connection Thread	Cable
IP Class	IP67

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	Push/Pull

STANDARD CONNECTION									
	-	+	A	B	0	A/	B/	G/	Ground
G3	PVC cable 8 wires 820050	WH white	BN brown	GN green	YE yellow	GY grey	PK pink	BU blue	RD red
GP	PUR cable 12 wires 820050	WH white + WH/GN white/green	BU blue + BN/GN brown/green	GY grey	BN brown	RD red	PK pink	GN green	BK black
									General shielding

ORDERING REFERENCE (Contact the factory for special versions - see stainless steel version, connections...)									
HCW4:	00:	Supply Output stage	Signals	Resolution	Connection	Connection orientation			
Incremental encoder	Modular	SG2: 5Vdc TTL / RS422 output	9: A, A/ B, B/ 0, G/	1024: max	G3: PVC cable 8 wires	R020: Radial cable 2m			
		PG5: 5 to 30Vdc Push-pull output (TTL / RS422 available if encoder supply is 5Vdc)			GP: PUR cable 12 wires				
Ex: HCW4	00	//	PG5	9	//	01024	//	G3	R020

AVAILABLE RESOLUTIONS									
32	64	128	256	1024					



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