

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/	0/	Ground
G3	PVC cable 8 wires 8200/050	WH white	BN brown	GN green	YE yellow	GY grey	PK pink	BU blue	RD red	Main shield
GP	PUR cable 12 wires 8230/050	WH white + white/green	BU blue + 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 datasheet revision, Connection...)						
	Mechanics	Supply Output stage	Signals	Resolution	Connection	Connection orientation
HC96	00	022	9	1024	G3 :	R020
Incremental encoder	Modular	TS-45C2 output 5V TTL / RS-422 output	A, A', B, B', 0, 0'	max	PVC cables 8 wires	flashed code 2m
		PG: 5 to 30Vdc Push-pull output (H) / RS-422 analogue if encoder supply is 30Vdc			GP: Pull cable 12 wires	
Ex. HC96	00	022	9	1024	///	R020

AVAILABLE RESOLUTIONS

32 64 128 256 1024

