

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 encoder	WH white	BN brown	GN green	YE yellow	GY grey	PK pink	BU blue	RD red	Mesh shield
GP PUR cable 12 wires 8200500	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, etc. Stainless steel version, connections...)

HCW#	00	Supply Output stage	9:	1024:	G3:	8020:
Incremental encoder	Modular	5VDC: TL / RS422 output PGS: 5 to 30VDC Push/Pull output (TL / RS422 encoder if encoder supply is 5VDC)	A, A/ B, B/ 0, 0/	max	PVC cable 8 wires GP: PUR cable 12 wires	Roofed cable 2m
Ex: HCW#	00 //	PGS	9 //	01024 //	G3	8020

AVAILABLE RESOLUTIONS

32 64 128 256 1024

