

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

### SPECIFICATIONS

<b>Sensor type</b>	Incremental
<b>Housing diameter</b>	50 mm
<b>Resolution</b>	32 P/R
<b>Connection Thread</b>	Cable
<b>IP Class</b>	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/	Q/	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	BC 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 enable 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

