

INCREMENTAL

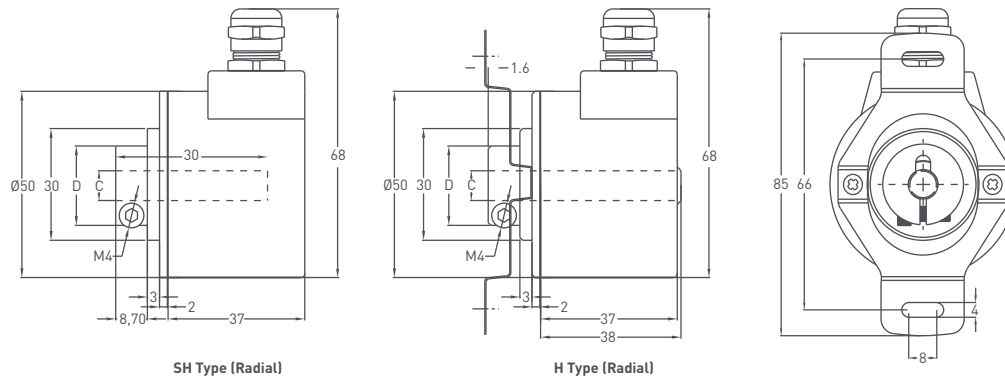
- 50 mm case diameter
- Hollow shaft and semi hollow shaft case
- 100 - 200 - 360 - 400 - 500 - 600 - 720 - 1000 - 1024
1800 - 2000 - 2048 - 2500 - 3600 - 4000 - 4096 ppr.
- Push-Pull, TTL, Linedriver, HLD output
- Rod diameter 6 - 8 - 10 - 12 - 14 - 15 mm
- 3500 rpm max.



Technical Specifications

Resolutions	100 - 4096 ppr.
Output channels	A, B, Z veya A, $\bar{A}$, B, $\bar{B}$, Z, $\bar{Z}$
Output type	Push-Pull, TTL, Linedriver, HLD
Power supply	5 VDC or 5-24 VDC or 8-24 VDC
Power consumption (without load)	<40 mA (24 VDC)
Cable	2,5 meter (standard) 5 wire + shield (Push-Pull) 2,5 meter (standard) 8 wire + shield (Linedriver)
Max. permissible shaft loading radial	100 N
axial	60 N
Displacement speed	3500 rpm
Rod diameter	Ø6 - 8 - 10 - 12 - 14 - 15 mm
Rod material	Stainless steel
Case dimensions	Ø50 mm
Case material	Aluminium and painted steel
Protection level	IP 54
Operating temperature	-20° ... +80°
Storage temperature	-30° ... +90°

Mechanical Specifications



PRI 50SH / H	SH (semi hollow shaft) / H (hollow shaft)	
	C	D
	Ø6mm	20mm
	Ø8mm	22mm
	Ø10mm	23,5mm
	Ø12mm	23,5mm
	Ø14mm	29,5mm
	Ø15mm	29,5mm

Push - Pull Cable Output

+V : Brown
0V : White
GND : Shield
Ch A : Yellow
Ch B : Green
Ch Z : Gray

TTL - HLD Linedriver Cable Output

+V : Brown
0V : White
GND : Shield
Ch A : Yellow
Ch B : Green
Ch Z : Gray
Ch A inv.: Blue
Ch B inv.: Red
Ch Z inv.: Pink

Ordering Procedure

Model	Case diameter	Case type	Rod diameter	Output type	Resolution	Output signal	Supply voltage	Connector / Cable	Cable output
PRI	50	SH	8	HLD	1024	Z	V2	2M5	R
PRI	50 mm	SH: Semi hollow H : Hollow shaft	6 : 6mm 8 : 8mm 10 : 10mm 12 : 12mm 14 : 14mm 15 : 15mm	LTD : Push-Pull LD : Linedriver HLD : High Linedriver TT : TTL	100 - 4096 ppr.	Z : A, B, Z B : A, B ZZ : AA, BB, ZZ	V1 : 5V DC V2 : 8 - 24V DC V3 : 5 - 24V DC	2M5 : 2,5 meter cable 5M : 5 meter cable 8M : 8 meter cable 10M : 10 meter cable C12 : 12 pin connector	R : Radial

The above technical datas are for information only. OPKON has the right for changing without any notifications.