

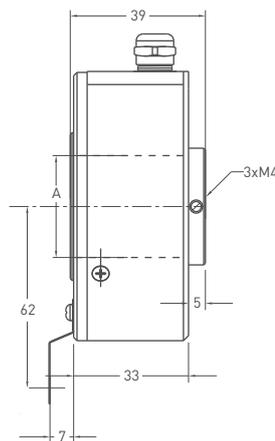
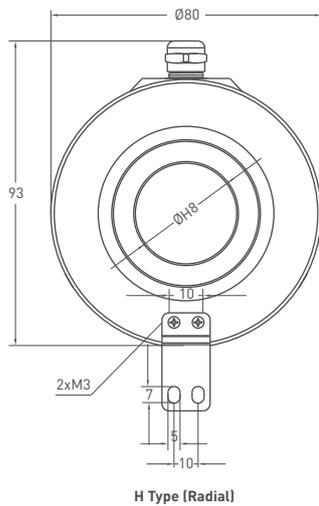


- 80 mm case diameter
- 1024 ppr.
- Hollow shaft rod diameter 16 - 20 - 22 - 24 - 25 - 28 - 30 - 40 -42
- 3500 rpm max.
- For elevator application



Technical Specifications	
Resolution	1024 ppr.
Output channels	A, B, Z or A, \bar{A} , B, \bar{B} , Z, \bar{Z}
Output type	Push-Pull, TTL, Linedriver, HLD
Power supply	5 VDC , 8-24 VDC or 5-24 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	180 N
: Axial	80 N
Displacement speed	3500 rpm
Rod diameter	Ø16 - 20 - 22 - 24 -25 - 28 - 30 - 40 - 42 mm
Rod material	Stainless steel
Case dimensions	Ø80 mm
Case material	Aluminium and painted steel
Protection level	IP 50
Operating temperature	-20°C ... +80°C
Storage temperature	-30°C ... +90°C

Mechanical Specifications



TTL - HLD - Linedriver Cable Output

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

Push-Pull Cable Output

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

Hollow diameter(A)
16
20
22
24
25
28
30
40
42

Ordering Procedure

Model	Case diameter	Case type	Rod diameter	Output type	Resolution	Output Signal	Supply voltage	Connector / Cable	Cable output
PRI	80	H	25	HLD	1024	Z	V3	2M5	R
PRI	80: 80 mm	H : Hollow shaft	16: 16mm 20: 20mm 22: 22mm 24: 24mm 25: 25mm	LTP : Push-Pull LD : Linedriver HLD : High Linedriver TT : TTL	1024 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 CN12D: 12 pin connector	R : Radial

Please note: The specifications and information in this datasheet may not cover all special demands arising from specific applications. Therefore, they do not constitute a comprehensive description of the product properties. OPKON accepts no responsibility for damages resulting from the improper application of our products. The user is responsible for ensuring that the products used are suitable for their own application.