

INCREMENTAL

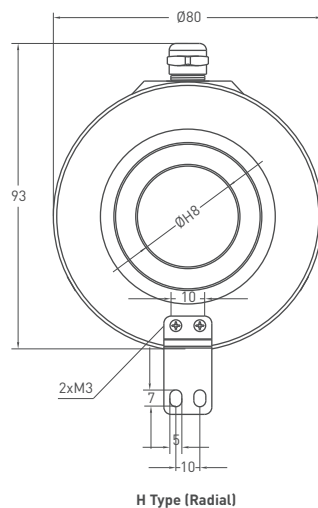
- 80 mm case diameter
- 1024 ppr.
- Hollow shaft rod diameter 16 - 20 - 22 - 24 - 25 - 28 - 30 - 40 - 42
- 3500 rpm max.
- For elevator application



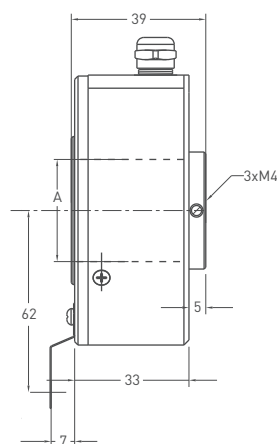
Technical Specifications

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



H Type (Radial)



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 28: 28mm 30: 30mm 40: 40mm 42: 42mm	LTP : Push-Pull LD : Linedriver HLD : High Linedriver TT : TTL	1024 ppr.	Z : A, B, Z B : A, B ZZ : A $\bar{A}$, B $\bar{B}$, Z $\bar{Z}$	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