



PRI50 SH / PRI50 H

## Features

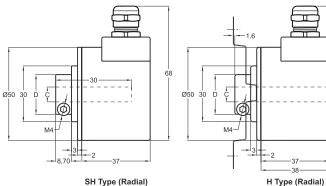
- 50 mm case diameter •
- Hollow and semi-hollow shaft
- 100-200-360-400-500-600-720-1000-1024 . 1800 - 2000 - 2048 - 2500 - 3600 - 4000 - 4096 ppr.
- Push-Pull, TIL Lined river and HTL Lined river outputs .
- Shaft dimater 6 8 1 0 12 14 15 mm .
- 3500 rpm max. .

## **Technical Specifications**

100 to 5000 ppr.
A,B,Z or A, $\overline{A}$ , B, $\overline{B}$ , Z, $\overline{Z}$
Push-Pull, TTL Linedriver, HTL Linedriver
5V DC or 8-24V DC or 5-24V DC
(without load) < 40 rnA (24 VDC)
2.5m (Standard) 5 Wire+ Shield for Pushpull
2.5m (Standard) 8 Wire + Shield for Linedriver

Max. Permissible Shaft Loading Radial 100N Axial 60N

Max. Speed	3.500 rpm
Shaft Diameter	Ø6-8- 10- 12- 14- 15 mm
Shaft Material	Stainless Steel
Case Diameter	Ø50mm
Case Material	Aluminium and Painted Steel
IP degree	IP 54
Operating temperature	-20°C +80°C
Storage temperature	-30°C +90°C



SH Type (Radial)

	SH (semi hollow)	/ H (hollow)
PRI 50SH / H	С	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

37 -38

> TTL - HTL Linedriver Cable Output +V : Brown 0V White : Shield : Yellow GND Ch A Ch B : Green Ch Z : Gray Ch A inv. : Blue Ch B inv.: Red Ch Z inv.: Pink

Model	Case Diameter	Case Type	Shaft Diameter	Output Type	Resolution	Output Channels	Supply Voltage	Connector / Cable	Cable Output
(example) PRI	50	SH	8	HLD	1024	Z	V2	2M5	R
PRI	50mm	SH : Semi hollow H : Hollow	8 :8mm	LTP : Push-Pull LD : TTL Linedriver HLD : HTL Linedriver		Z : A, B, Z B : A, B	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

Page 1/1

07.2019

The information provided herein is to the best of our knowledge true and accurate, it is provided for guidance only. All specifications are subject to change without prior notification.

## Althen - Your expert partner in Sensors & Controls | althensensors.com

Althen stands for pioneering measurement and custom sensor solutions. In addition we offer services such as calibration, design & engineering, training and renting of measurement equipment.

Germany/Austria/Switzerland info@althen.de

Benelux sales@althen.nl France info@althensensors.fr Sweden info@althensensors.se USA/Canada info@althensensors.com

Other countries info@althensensors.com