

Series 14

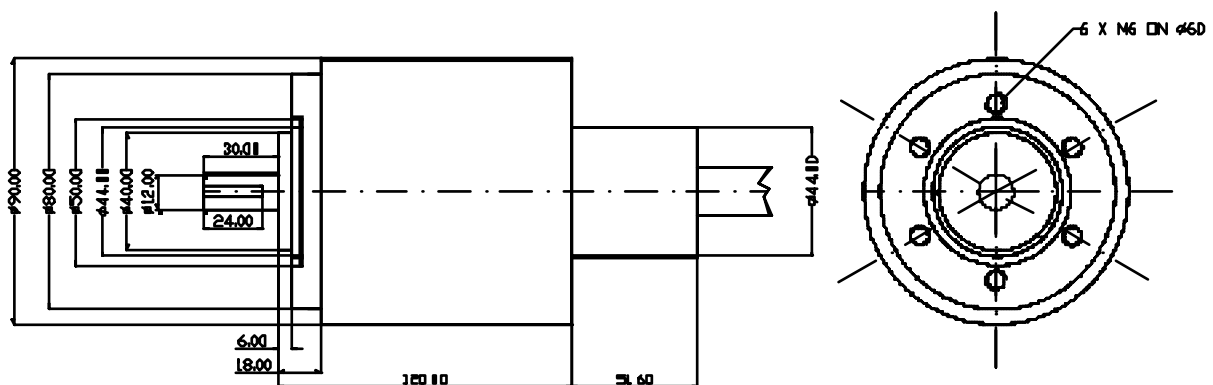
Heavy duty incremental encoder,
certified to EExdIICT6

Mechanics Data

Cover:	316 Stainless steel
Body:	316 Stainless steel
Solid shaft:	Stainless steel
Bearings:	2, ballraces
Weight:	Approx.4000gr.
Protection:	EExdIICT6
Rpm:	6000 Max
Torque:	5Ncm
Inertia:	270gcm ²
Shaft loading:	Axial 100N - Radial 100N

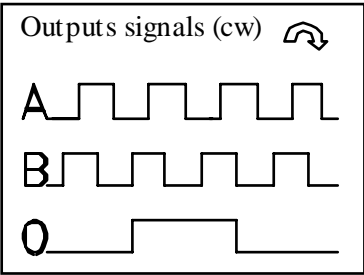


Dimensions in mm.



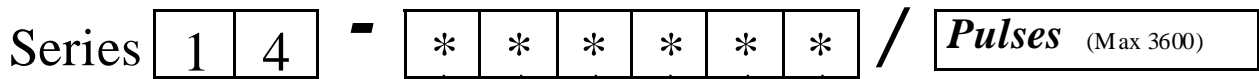
Series 14

Electronics Data



Power supply: from 5 to 24V depends on the electronics circuit
 Current consumption: 40/80mA depends on the electronics circuit
 Permissible load: 20/40mA depends on the electronics circuit
 Frequency: 50KHz
 Protections: Against short circuit, reversal polarity
 Operating Temp.: -20/+60°C

Ordering code



Outputs

- 30 = A $\bar{\bar{A}}$
- 31 = A+A
- 32 = A+0
- 33 = A+0+A+0
- 40 = A+B
- 41 = A+B+A+B
- 42 = A+B+0
- 43 = A+B+0+A+B+0

Cable

- 0 = 2 meters
- A = 10meters

Outputs

- 0 = NPN 7-30V
- 1 = PP 11-30V
- 2 = TTL LD5V
- 4 = CMOS LD7-15V
- 5 = PNP 7-30V
- 7 = NPN/OC 7-30V
- 8 = PNP/OC 7-30V
- x = 9-30 outputs power supply stabil. 5V

Connections

- A = Cable Axial
- R = Cable Radial

Gasket Shaft

- C = PTFE
Application limited torque (6000g/min)
- D = US&UK
Approval alimentary company sector
- E = VITON PEROXIDE
Application chemical, sector, petrochemical, acid

Connections

	0 Volt	+ Volt	A	B	\bar{A}	\bar{B}	0	$\bar{0}$
Cable 5 Way	Black	Blue	Brown	Beige			Yellow	
Cable 8 Way	Black	Blue	Brown	Beige	Yellow	Verde	Rosa	Viola
Cable 8 Way	Nr.1	Nr.2	Nr.3	Nr.4	Nr.5	Nr.6	Nr.7	Nr.8
Cable 8 Way	Nr.1	Nr.2	Nr.3	Nr.4	Nr.6	Nr.7	Nr.5	Nr.8