

HOOSHYAR

ROTARY ENCODER



MADE IN IRAN

YARANICS.COM

ABSOLUTE ROTARY ENCODER

series AS50

- Absolute encoder
- UP to 12bit output
- Operating temperature -10°C +100°C

MECHANICAL SPECIFICATIONS

Dimensions:	see drawing
Shaft:	Ø 6, 8, 10, 12, 15, 20 mm
Shaft loading (axial and radial):	20 N max
Shaft rotational speed:	6000 rpm max
Bearings life:	10 ⁹ rev. min.
Weight:	~ 0.2 Kg

ELECTRICAL SPECIFICATIONS

Power supply:	5-24v DC
Protection:	against inversion of polarity

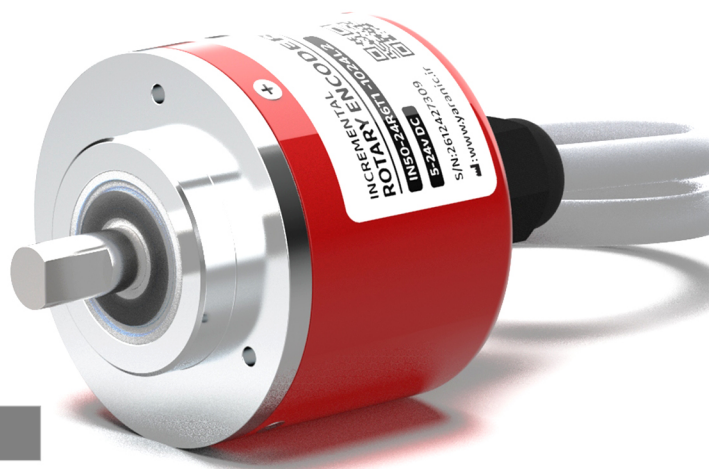
Output pulse:	CSn
(According to coding)	CLK
	DO

Digital output Resolution:	12 bit (~0.08 Deg)
Outpot type	SSI(Binary)/360(Deg)

Max CLK	1MHZ
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MATERIALS

Flange:	Aluminum 7000
Housing:	Metal
Bearings:	608 2RS
Shaft:	stainless steel, non-magnetic

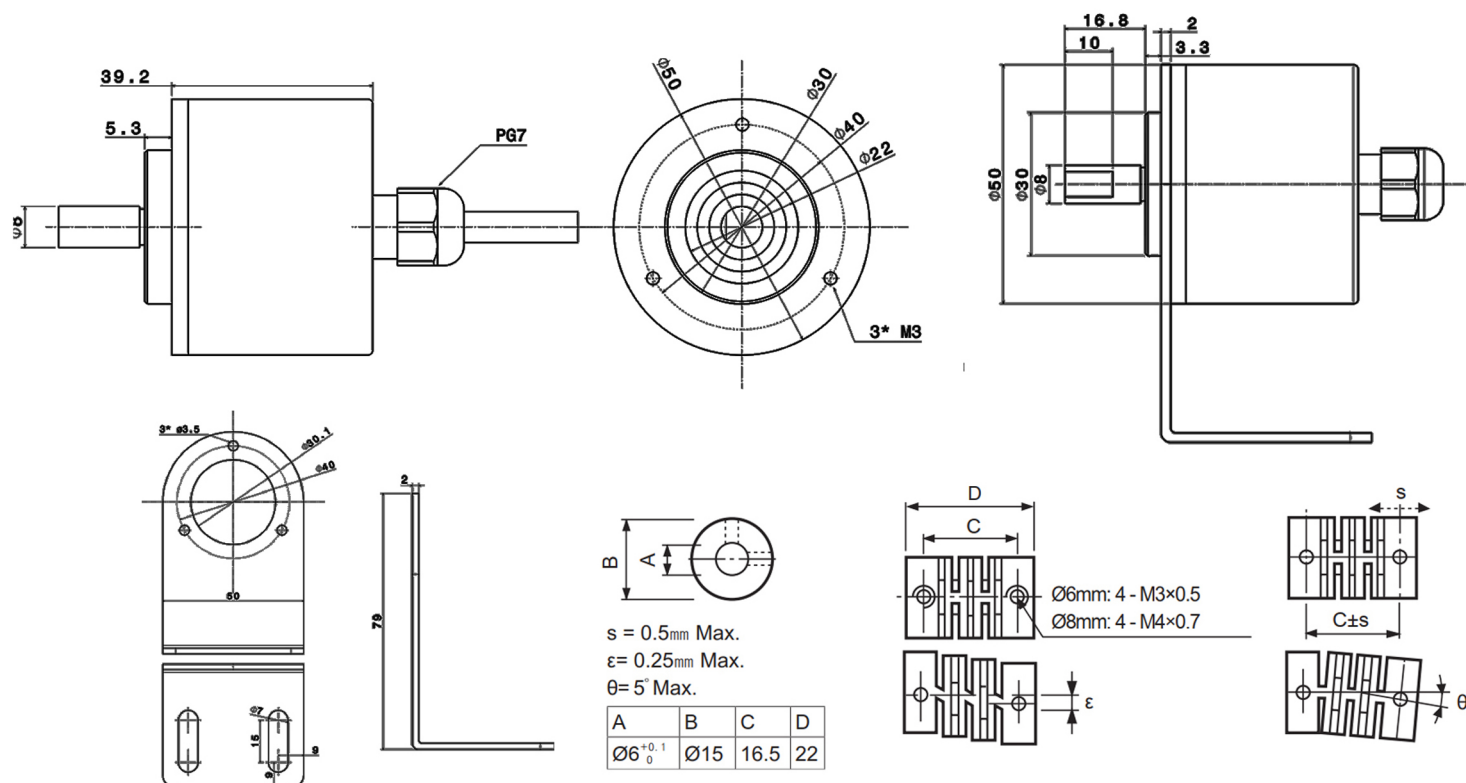


ELECTRICAL CONNECTIONS

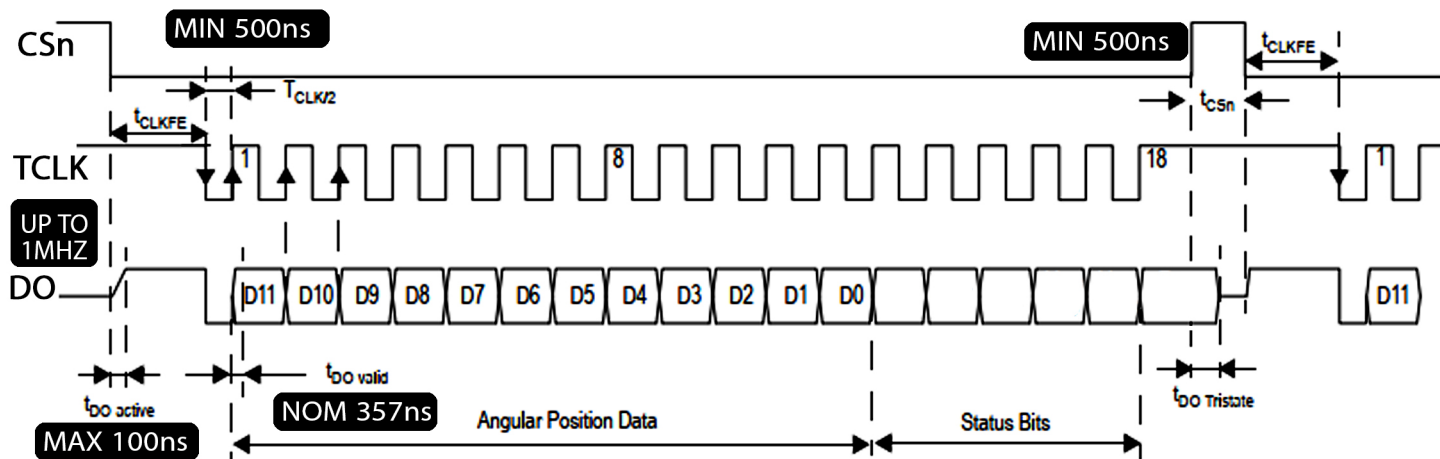
CS:	YE
CLK:	GN
DO:	WH
RD:	V+
BK:	V-
BL:	NC
PK:	SHIELD

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IN-OUT SIGNAL



ORDER CODE

AS50-B50-R8-DT-24-4096SSI-L1





 **Hoshyar Sanat Espadana**
No. 301, 17th St., Isfahan Science & Technology Town (ISTT)

 **+98 31 9 10 11 263**

 **Info@yaranics.com**

 **WWW.YARANICS.COM**