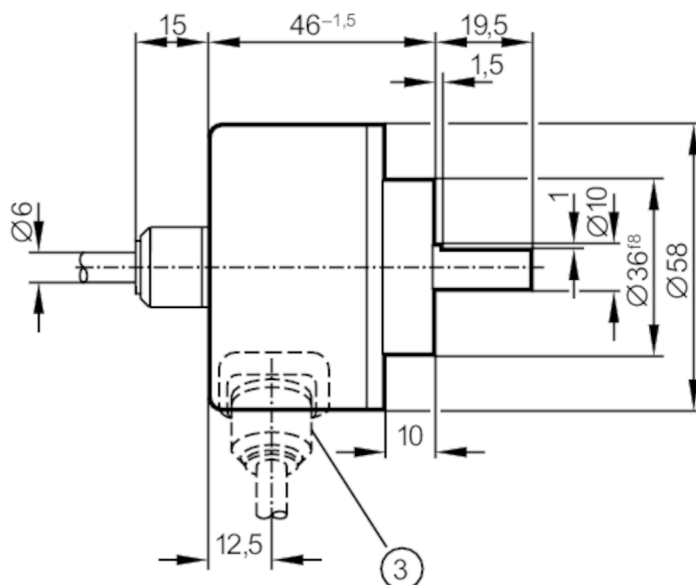


RV-1024-I05/SAE

Technical drawing of a mechanical part showing a top view and a side view.

The top view is a circle with a diameter of $\varnothing 48$. It is divided into three sectors by dashed lines. A leader line points to the outer edge of the top sector, and another points to the inner edge of the same sector. The side view shows a rectangular block with a 30° angle and a 17 mm dimension.



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Opløsning	1024 opløsning
Aksel design	massiv aksel
Akseldiameter [mm]	10

Driftspændingstolerance	[%]	10
Driftspænding	[V]	5 DC
Strømforbrug	[mA]	150

Elektrisk design		TTL
Max strømbelastning pr. udgang	[mA]	20
Koblingsfrekvens	[kHz]	300
Faseforskydning A og B	[°]	90

Opløsning	1024 opløsning
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Omgivelsestemperatur	[°C]	-20...70
Lagringstemperatur	[°C]	-30...100
Kapslingsklasse		IP 66

Chokbestandig	100 g (6 ms)
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Inkremental enkodere med massiv aksel

RV-1024-I05/SAE

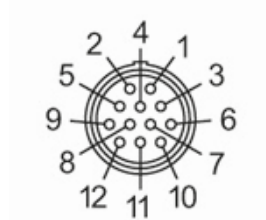
Vibrationsbestandig	10 g (55...2000 Hz)
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Mekaniske data	
Dimensioner [mm]	Ø 58 / L = 46
Materiale	aluminium
Max. omdrejning, mekanisk [U/min]	12000
Max. startmoment [Nm]	1
Reference temperatur moment [°C]	20
Aksel design	massiv aksel
Akseldiameter [mm]	10
Aksel materiale	stål (1.4104)
Max. akselbelastning aksial (ved aksel ende) [N]	10
Max. akselbelastning radial (ved aksel ende) [N]	20

Elektrisk tilslutning

Kabel: 10 m, PUR; aksial

Stik: 1 x Bajonett (ifm 1000.2)



ben 1	A
ben 2	A inverteret
ben 3	B
ben 4	B inverteret
ben 5	+5V Sensor
ben 6	0-Index
ben 7	0-Index inverteret
ben 9	+5V (Up)
ben 10	0V Sensor
ben 11	Kapsling
ben 12	0V (Un)

diagrammer og grafer

Impulsdiagram	retning på rotation med uret (ses på akselenden)
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