

RN7003

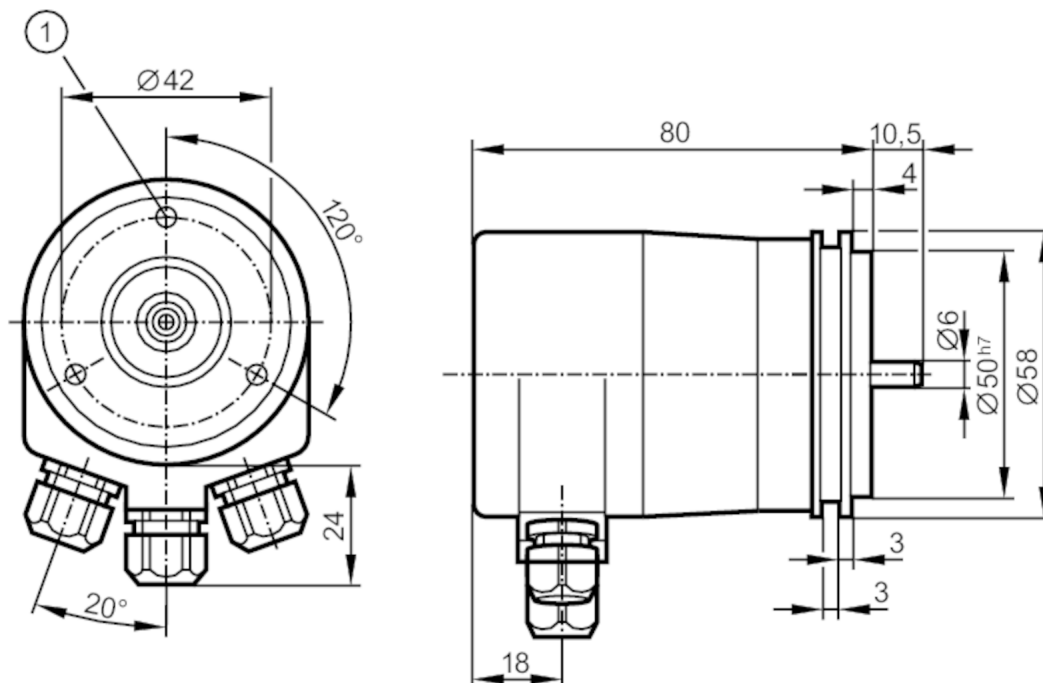


Absolute singleturn encoder with solid shaft

RNS0013-C24/E

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1 M4 Depth 5 mm



Application

Function principle	absolute
Revolution type	singleturn

Electrical data

Operating voltage [V]	9...36 DC
Current consumption [mA]	< 250
Reverse polarity protection	yes

Outputs

Short-circuit protection	yes
Code	binary

Measuring/setting range

Resolution	8192 steps; 13 bit
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Accuracy / deviations

Accuracy	± 1 LSB
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Software / programming

Parameter setting options	CAN parameter; scaling; preset; Baud rate; direction of rotation; address
Addressing	address selector switch; Software

Interfaces

Communication interface	CAN
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CAN		
Protocol	CANopen; DSP - 406	
Operating conditions		
Ambient temperature	[°C]	-40...70
Protection	IP 66; (on the housing: IP 67; on the shaft: IP 66)	
Tests / approvals		
Shock resistance		100 g (6 ms)
Vibration resistance		10 g (5

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