

RV1071



Incremental encoder with solid shaft

RV-1024-I05/SAE

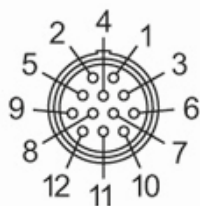
Mechanical data	
Dimensions [mm]	Ø 58 / L = 46
Materials	aluminium
Max. revolution, mechanical [U/min]	12000
Max. starting torque [Nm]	1
Reference temperature torque [°C]	20
Shaft design	solid shaft
Shaft diameter [mm]	10
Shaft material	steel (1.4104)
Max. shaft load axial (at the shaft end) [N]	10
Max. shaft load radial (at the shaft end) [N]	20

Electrical connection

Cable: 10 m, PUR; axial

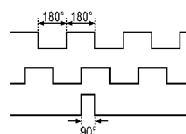
pin 1	A
pin 2	A inverted
pin 3	B
pin 4	B inverted
pin 5	+5V sensor
pin 6	0 index
pin 7	0 index inverted
pin 9	+5V (Up)
pin 10	0V sensor
pin 11	housing
pin 12	0V (Un)

Connector: 1 x Bajonett (ifm 1000.2)



Diagrams and graphs

Pulse diagram



Output A
Output B
0 index

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