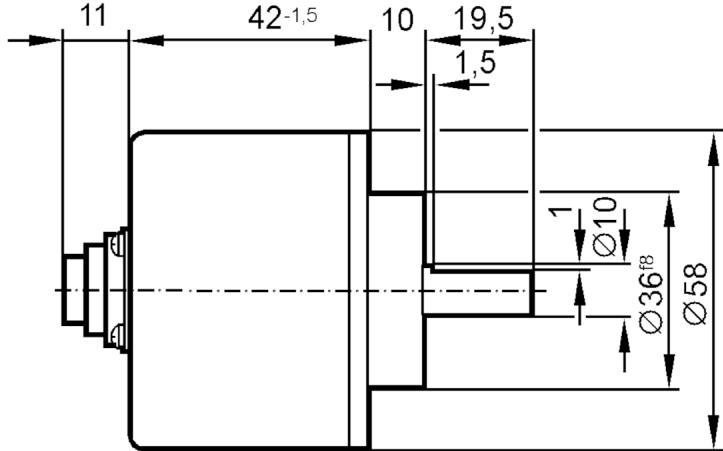
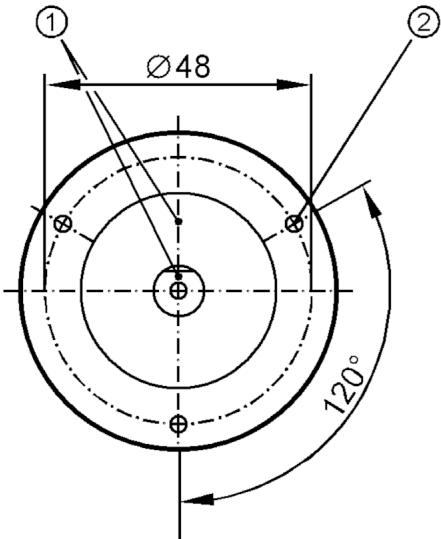


Incremental encoder with solid shaft

RV-0100-I24/S

Article no longer available - archive entry



- 1 reference mark
2 M3 Depth 5 mm



Product characteristics

Resolution		100 resolution
Shaft design		solid shaft
Shaft diameter [mm]		10

Electrical data

Operating voltage [V]		10...30 DC
Current consumption [mA]		150

Outputs

Electrical design		HTL
Max. current load per output [mA]		50
Switching frequency [kHz]		300
Type of short-circuit protection		< 60 s
Phase difference A and B [°]		90

Measuring/setting range

Resolution		100 resolution
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Operating conditions

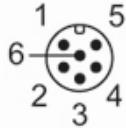
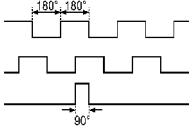
Ambient temperature [°C]		-20...70
Storage temperature [°C]		-30...100
Max. relative air humidity [%]		98
Protection		IP 64

RV6092



Incremental encoder with solid shaft

RV-0100-I24/S

Tests / approvals	
Shock resistance	100 g (11 ms)
Vibration resistance	10 g (58...2000 Hz)
Mechanical data	
Weight [g]	44
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	
Connector: 1 x M12, axial	
	
1	L+
2	A
3	Screen housing
4	B
5	0 index
6	0V
Diagrams and graphs	
Pulse diagram	 <p>direction of rotation clockwise (looking at the shaft)</p>