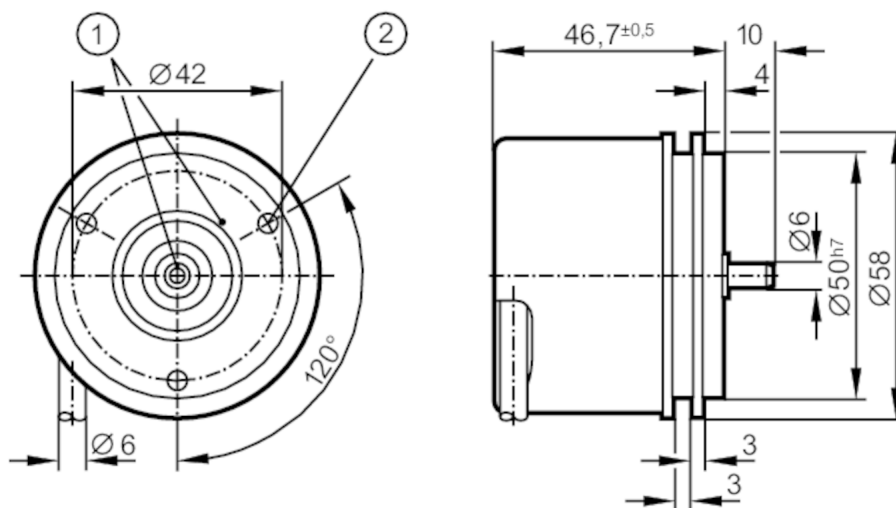


RU-1000-I05/L2

When selecting an alternative article and accessories please note that technical data may differ!





## Incremental encoder with solid shaft

RU-1000-I05/L2

Max. relative air humidity [%]	98
Protection	IP 64; (on the housing: IP 67; on the shaft: IP 64)

### Tests / approvals

Shock resistance	200 g
Vibration resistance	30 g

### Mechanical data

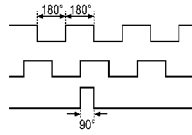
Weight [g]	494.8
Dimensions [mm]	Ø 58 / L = 46.7
Materials	aluminium
Max. revolution, mechanical [U/min]	16000
Max. starting torque [Nm]	1
Reference temperature torque [°C]	20
Shaft design	solid shaft
Shaft diameter [mm]	6
Shaft material	steel (1.4104)
Max. shaft load axial (at the shaft end) [N]	10
Max. shaft load radial (at the shaft end) [N]	20
Fixing flange	synchro-flange

### Electrical connection

Cable: 2 m, PUR; Maximum cable length: 100 m; radial, can also be used axially

brown	A
green	A inverted
grey	B
pink	B inverted
red	0 index
black	0 index inverted
blue	L+ sensor
white	0V sensor
brown/green	L+ (Up)
white/green	0V (Un)
lilac	failure inverted
screen	housing

### Diagrams and graphs

Pulse diagram	 <p>direction of rotation clockwise (looking at the shaft)</p>
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