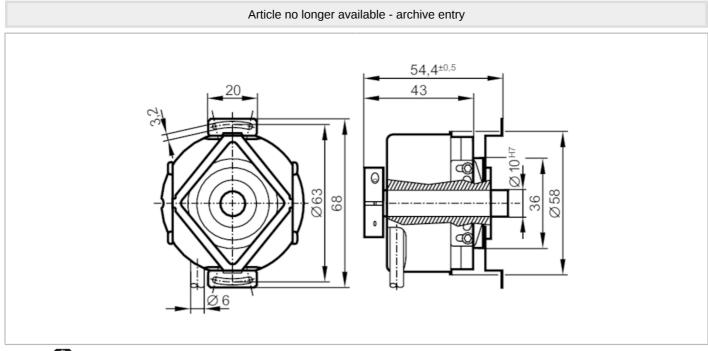
RO6328

Incremental encoder with hollow shaft



RO-1024-I24/N11



Product characteristics		
Resolution		1024 resolution
Shaft design		continuous hollow shaft
Shaft diameter	[mm]	10
Electrical data		
Operating voltage	[V]	1030 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 und B	[°]	90
Measuring/setting range		
Resolution		1024 resolution
Operating conditions		
Ambient temperature	[°C]	-3085
Note on ambient temperature		firmly laid cable: -30 °C
Max. relative air humidity	[%]	98
Protection		IP 64; (on the housing: IP 66; on the shaft: IP 64)
Tests / approvals		
Shock resistance		200 g
Vibration resistance		30 g

RO6328

Incremental encoder with hollow shaft



RO-1024-I24/N11

Weight [g] 454.8 Dimensions [mm] Ø 58 / L = 54.4 Material aluminum Max. revolution, mechanical [U/min] 12000; (when using both shaft clamping rings) Max. starting torque [Nm] Max. starting torque [Nm] Reference temperature [°C] torque 20 Shaft design continuous hollow shaft Shaft diameter [mm] Shaft diameter [mm] Shaft diameter [mm] Shaft material 10 Shaft material 10 Installation depth/shaft [mm] Max. axial shaft misalignment [mm] 1; (max. radial shaft alignment: ± 0,05 mm) Electrical connection Cable: 1 m, PUR; radial, can also be used axially brown A green A inverted grey B pink B inverted red 0 index black 0 index inverted black 0 index black 0 index b				
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white0V sensorbrown/greenL+ (Up)				
brown/green L+ (Up)				
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white/green 0V (Un)				
screen housing				
lilac error inverted				
Diagrams and graphs				
Pulse diagram				
Direction of rotation clockwise (looking at the shaft)				