RV6024

Incremental encoder with solid shaft

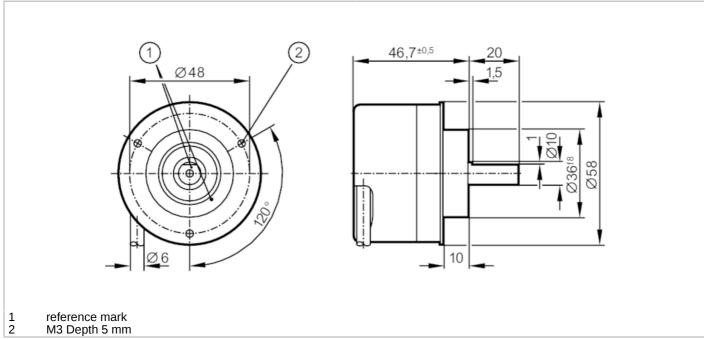




Article no longer available - archive entry

Alternative articles: RV3500

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





Note on ambient temperature

	1000 resolution
	solid shaft
[mm]	10
	incremental
[V]	1030 DC
[mA]	< 150
	HTL
[mA]	50
[kHz]	300
	< 60 s
[°]	90
	1000 resolution
[°C]	-40100
	[V] [mA] [mA] [kHz]

firmly laid cable: -40 °C

RV6024

Incremental encoder with solid shaft





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]	467.8	
Dimensions	[mm]	Ø 58 / L = 46.7	
Material		aluminum	
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)	e [N]	20	
Electrical connection			
Cable: 2 m, PUR; Maximum cable length: 300 m; radial, can also be used axially			
brown A			
green A inverte	ed		
grey B			
pink B inverte	ed		
red 0 index black 0 index i	nvortod		
blue L+ senso			
white 0V sense			
brown/green L+ (Up)			
white/green 0V (Un)			
lilac error inv	erted		
screen housing			
Diagrams and graphs			
Pulse diagram			
. 2.55 Sing. Sin			
		Direction of rotation clockwise (looking at the shaft)	