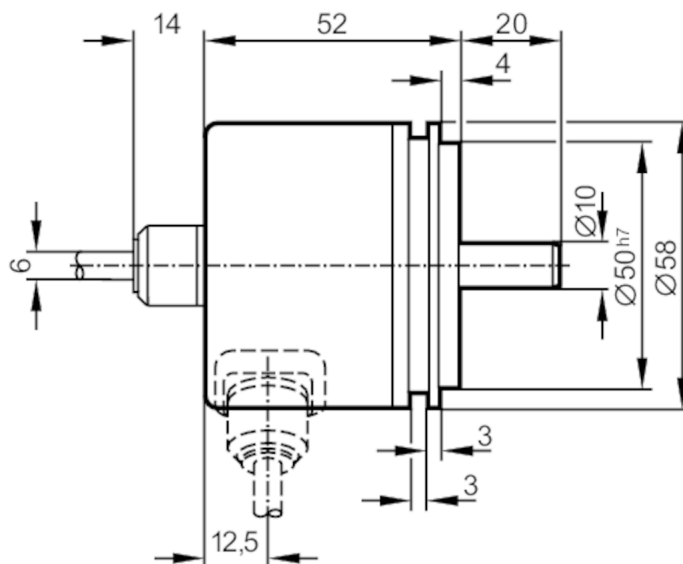
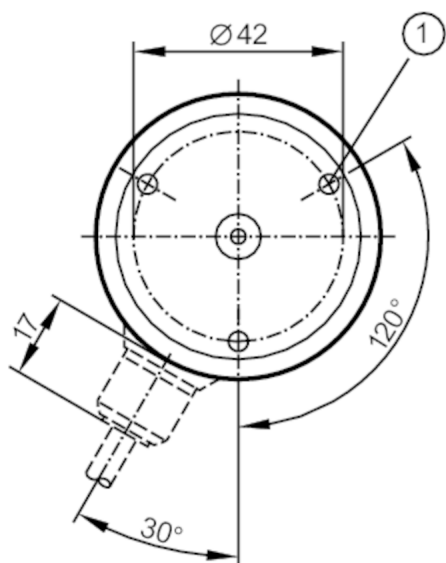




## Absolute singleturn encoder with solid shaft

RN-0360-G24/L3B

Article no longer available - archive entry



1 M4 Depth 5 mm



### Product characteristics

Resolution	360 steps; 9 bit
Shaft design	solid shaft
Shaft diameter [mm]	10

### Electrical data

Operating voltage [V]	10...30 DC
Current consumption [mA]	< 250
Max. revolution electrical [U/min]	1500

### Outputs

Electrical design	HTL
Max. current load per output [mA]	20
Code	Gray code; (increasing code values when turned clockwise (seen on the shaft))

### Measuring/setting range

Resolution	360 steps; 9 bit
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### Operating conditions

Ambient temperature [°C]	-20...70
Storage temperature [°C]	-30...100
Max. relative air humidity [%]	98
Protection	IP 65

### Tests / approvals

Shock resistance	100 g (6 ms)
Vibration resistance	10 g (55...2000 Hz)

# RN6028

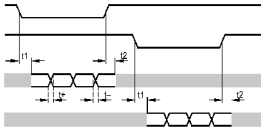


## Absolute singleturn encoder with solid shaft

RN-0360-G24/L3B

Mechanical data		
Dimensions	[mm]	Ø 58 / L = 52
Material		aluminum
Max. revolution, mechanical	[U/min]	10000
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: 3 m, PUR; Maximum cable length: 100 m; axial		
brown	10...30V	
yellow/brown	10...30V sensor	
white	0V	
white/yellow	0V sensor	
green	release A inverted 5...30V	
yellow	release B inverted 5...30V	
white/grey	bit 8 (MSB) inverted	
brown/green	bit 8 (MSB)	
white/green	bit 7	
red/blue	bit 6	
grey/pink	bit 5	
lilac	bit 4	
black	bit 3	
red	bit 2	
blue	bit 1	
screen	housing	

Diagrams and graphs	
Pulse diagram	<div></div> <div>release A inverted release B inverted tracks 7...12 tracks 1...6</div>