

RMK0025-C24/E



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Absolute multiturn encoder with solid shaft

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Interfaces		
Communication interface		CAN
CAN		
Protocol		CANopen
Factory settings		Baud rate: 125 kBit/s
		node ID: 32
Version		DSP - 406 V3.1; DS 301 V4.02; DS 306 V2.0
Operating conditions		
Ambient temperature	[°C]	-40...85
Max. relative air humidity	[%]	98
Protection		IP 65; (on the housing: IP 65; on the shaft: IP 64)
Tests / approvals		
Shock resistance		100 g (6 ms)
Vibration resistance		10 g (10...1000 Hz)
MTTF	[years]	13
Mechanical data		
Weight	[g]	592.5
Dimensions	[mm]	Ø 58 / L = 110
Materials		aluminium
Max. revolution, mechanical [U/min]		6000
Shaft design		solid shaft
Shaft diameter	[mm]	10
Shaft material		steel (1.4104)
Max. shaft load axial (at the shaft end)	[N]	40
Max. shaft load radial (at the shaft end)	[N]	110
Fixing flange		clamping flange
Displays / operating elements		
Display	Preoperational Mode	LED, green flashing
	Operational Mode	LED, green
	error message	LED, red flashing
Electrical connection		
terminal strip in the terminal chamber:		