

RM7012



Absolute multiturn encoder with solid shaft

RMK0025-C24/E

CAN		
Protocol	CANopen; DSP - 406 V3.1; DS 301 V4.02; DS 306 V2.0	
Factory settings	Baud rate: 125 k	
	Node ID: 32	
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]	649.2	
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:		