

RMS0024-C24UST



CAN	
Protocol	CANopen

RM9001



Absolute multiturn encoder with solid shaft

RMS0024-C24UST

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
Protection	IP 68; IP 69K

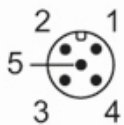
Tests / approvals	
Shock resistance	200 g (11 ms)
Vibration resistance	30 g (10...1000 Hz)
MTTF [years]	240

Mechanical data	
Weight [g]	233
Dimensions [mm]	Ø 36.5 / L = 100
Materials	flange: aluminium; housing cap: steel scratch-resistant cathodic dip coating
Max. revolution, mechanical [U/min]	6000
Max. starting torque [Nm]	5
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]	180
Max. shaft load radial (at the shaft end) [N]	180
Fixing flange	synchro-flange

Displays / operating elements		
Display	Preoperational Mode	LED, green
	Operational Mode	LED, green flashing
	error message	LED, red flashing

Electrical connection

Connector: 1 x M12, axial; coding: A



1	CAN_GND
2	VBBc
3	GND (PE)
4	CAN_High
5	CAN_Low