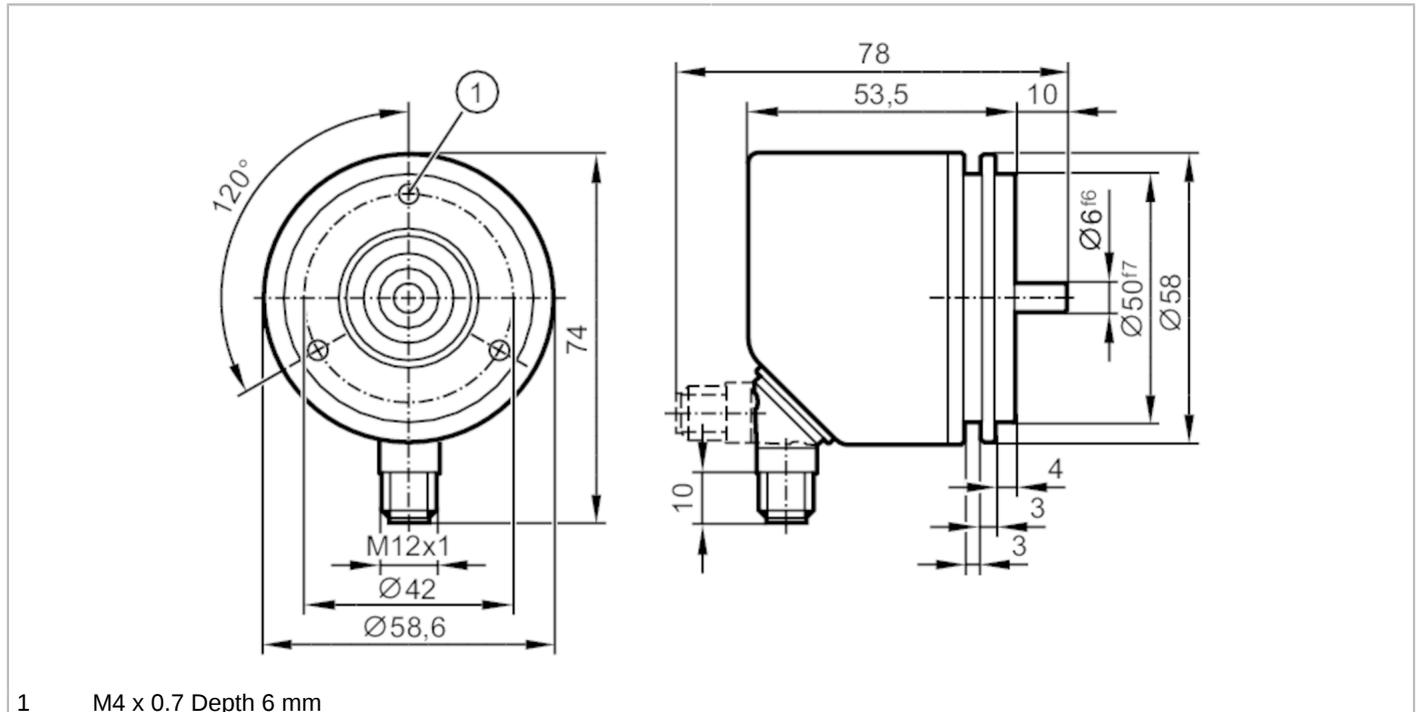


RMU200



Analogue 13 bit multitrans encoder with 0...10 V output

RMU06SVU513--bANU



Product characteristics	
Resolution	8192 steps; 16 revolutions; 17 bit
Shaft design	solid shaft
Shaft diameter [mm]	6
Application	
Function principle	absolute
Detection system	magnetic
Electrical data	
Operating voltage [V]	8...30 DC
Current consumption [mA]	< 150
Protection class	III
Reverse polarity protection	yes
Max. power-on delay time [ms]	500
Settling time [ms]	32
Max. revolution electrical [U/min]	12000
Inputs / outputs	
Number of inputs and outputs	Number of analogue outputs: 1
Outputs	
Number of analogue outputs	1
Analogue voltage output [V]	0...10
Min. load resistance [Ω]	5000
Short-circuit protection	yes
Measuring/setting range	
Resolution	8192 steps; 16 revolutions; 17 bit

RMU200



Analogue 13 bit multiturn encoder with 0...10 V output

RMU06SVU513--bANU

Accuracy / deviations		
Accuracy	10 V ± 10 mV; (accuracy INL: ± 0.1)	
Linearity deviation	± 0,15 % FSO	
Software / programming		
Parameter setting options	start position; end position; central position	
Operating conditions		
Ambient temperature [°C]	-40...85	
Storage temperature [°C]	-40...85	
Max. relative air humidity [%]	95; (condensation not permissible)	
Protection	IP 65; (on the housing: IP67)	
Tests / approvals		
Shock resistance	EN 60068-2-27	100 g half-sine / 6 ms
Vibration resistance	EN 60068-2-29	10 g half-sine / 16 ms
MTTF [years]	258	
UL approval	power supply	Class 2
Mechanical data		
Weight [g]	347.5	
Dimensions [mm]	Ø 58.6 / L = 63.5	
Materials	flange: aluminium; housing: stainless steel (444/1.4521)	
Max. revolution, mechanical [U/min]	12000	
Max. starting torque [Nm]	1	
Reference temperature torque [°C]	20	
Shaft design	solid shaft	
Shaft diameter [mm]	6	
Shaft material	stainless steel	
Max. shaft load axial (at the shaft end) [N]	40	
Max. shaft load radial (at the shaft end) [N]	60	
Fixing flange	synchro-flange	

RMU200

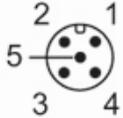


Analogue 13 bit multiturn encoder with 0...10 V output

RMU06SVU513--bANU

Electrical connection - plug

Connector: 1 x M12, radial, can also be used axially; coding: A; Moulded body: stainless steel (316 / 1.4401); Maximum cable length: 100 m



1	L+
2	OUT
3	L-
4	Set 2
5	Set 1
	Screen plug