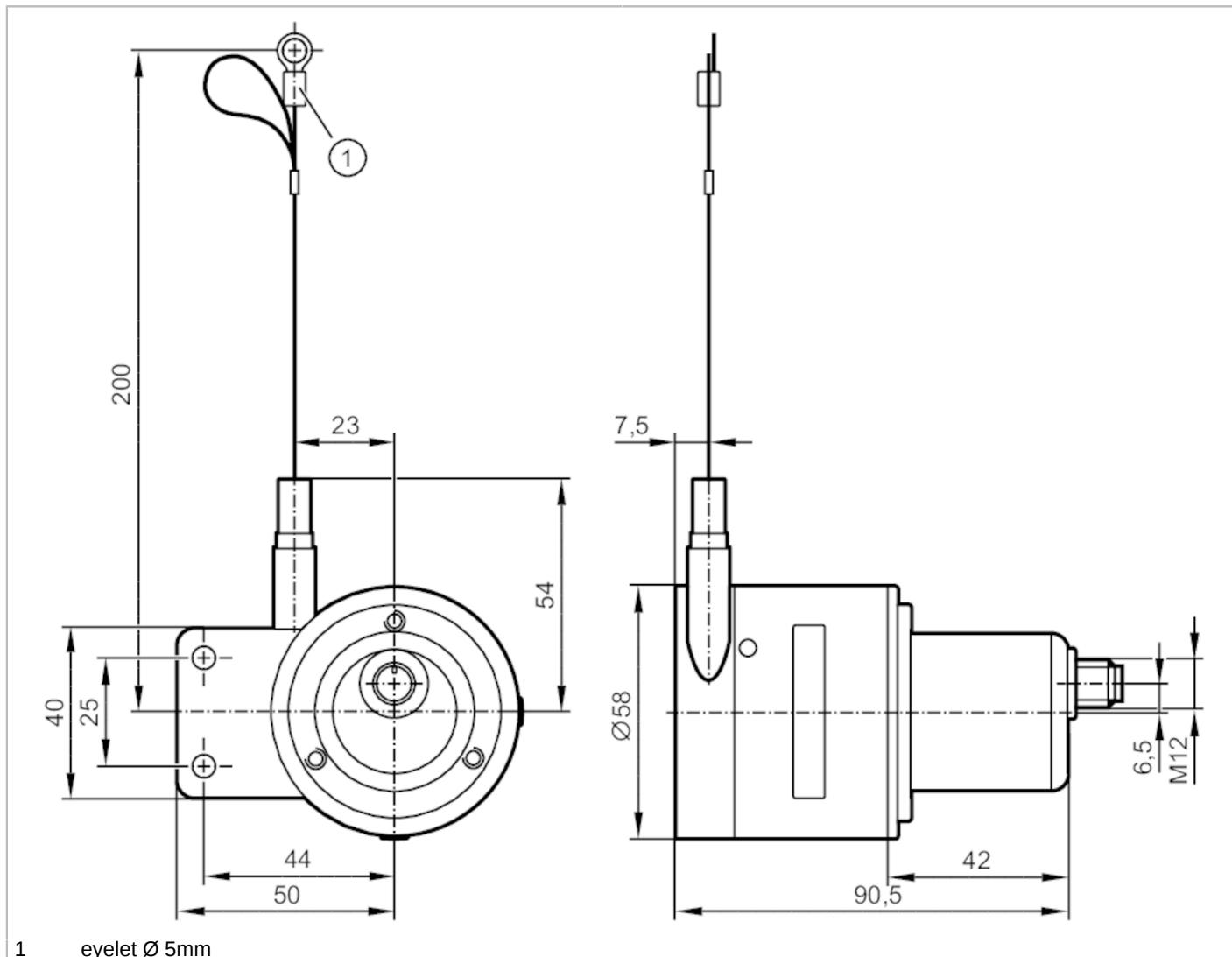


RMS001



Draw wire encoder

DRAW WIRE ENCODER



1 eyelet Ø 5mm



Product characteristics

Resolution	8192 steps; 16 revolutions; 17 bit
------------	------------------------------------

Application

Function principle	absolute
Detection system	magnetic
Application	encoder

Electrical data

Operating voltage	[V]	8...32 DC
Current consumption	[mA]	< 20
Protection class		III
Reverse polarity protection		yes
Max. power-on delay time	[ms]	500
Settling time	[ms]	32

Inputs / outputs

Number of inputs and outputs	Number of analog outputs: 1
------------------------------	-----------------------------

Draw wire encoder

DRAW WIRE ENCODER

Outputs		
Number of analog outputs		1
Analog current output	[mA]	4...20
Max. load	[Ω]	500
Precision analog output	[%]	0,1
Short-circuit protection		yes
Measuring/setting range		
Resolution		8192 steps; 16 revolutions; 17 bit
Accuracy / deviations		
Accuracy		± 0.02 % FSO
Repeatability		± 0,006 % 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 64; (on the housing: IP 65)
Tests / approvals		
MTTF	[years]	241
Mechanical data		
Weight	[g]	561
Material		housing: steel; wire drum: aluminum; wire: stainless steel polyamide coated
Max. measuring length	[mm]	1900
Wire drum circumference	[mm]	150
Wire diameter	[mm]	0.45
Wire connection		Ø 5 mm; (eyelet)
Wire properties	max. speed of wire displacement	[m /s]
	max. wire acceleration	[g]
	max. extension force	[N]
	max. retraction force	[N]

RMS001

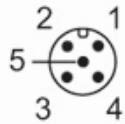


Draw wire encoder

DRAW WIRE ENCODER

Electrical connection

Connector: 1 x M12, for axial use; coding: A



- 1 L+
- 2 analog output
- 3 L-
- 4 Set2
- 5 Set1