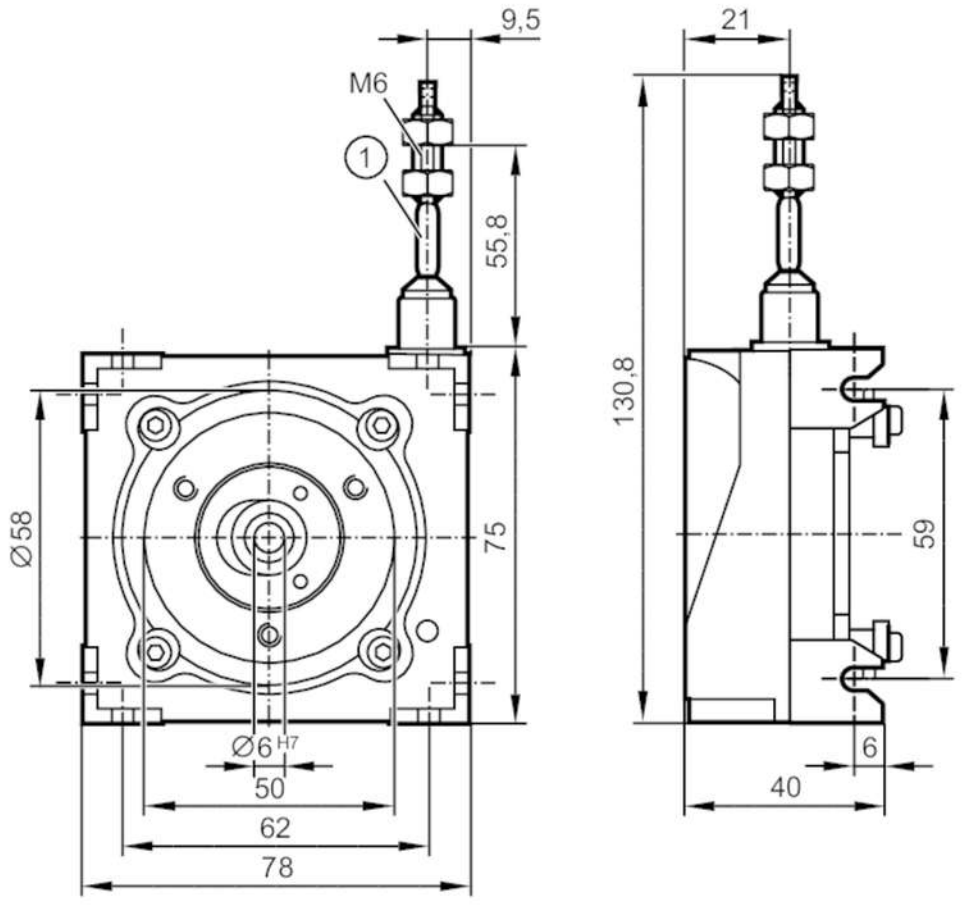
E61441

Draw-wire mechanism for encoders

DRAW WIRE 3000



1 set screw

Product characteristics		
Shaft design		solid shaft
Shaft diameter	[mm]	6
Application		
Design		for encoders with 58 mm synchro flange and 6 mm solid shaft
Accuracy / deviations		
Accuracy		± 0.012 % FSO
Repeatability		± 0,005 % FSO
Operating conditions		
Ambient temperature	[°C]	-40...80
Storage temperature	[°C]	-40...80
Storage humidity	[%]	5...95; (non condensing)
Mechanical data		
Weight	[g]	598.5
Top flange diameter	[mm]	58
Materials		housing: diecast zinc / plastic; wire: stainless steel polyamide coated
Shaft design		solid shaft
Shaft diameter	[mm]	6

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Draw-wire mechanism for encoders

DRAW WIRE 3000

Max. measuring length	[mm]	3000		
Wire drum circumference	[mm]	200		
Wire diameter	[mm]	0.87		
Wire connection		M6		
Wire properties		max. speed of wire displacement	[m /s]	0,8
		max. wire acceleration	[g]	1
		max. extension force	[N]	3
		min. retraction force	[N]	2,5
Fixing flange		synchro-flange		

Remarks

Pack quantity	1 pcs.	

Diagrams and graphs

Installation instruction

