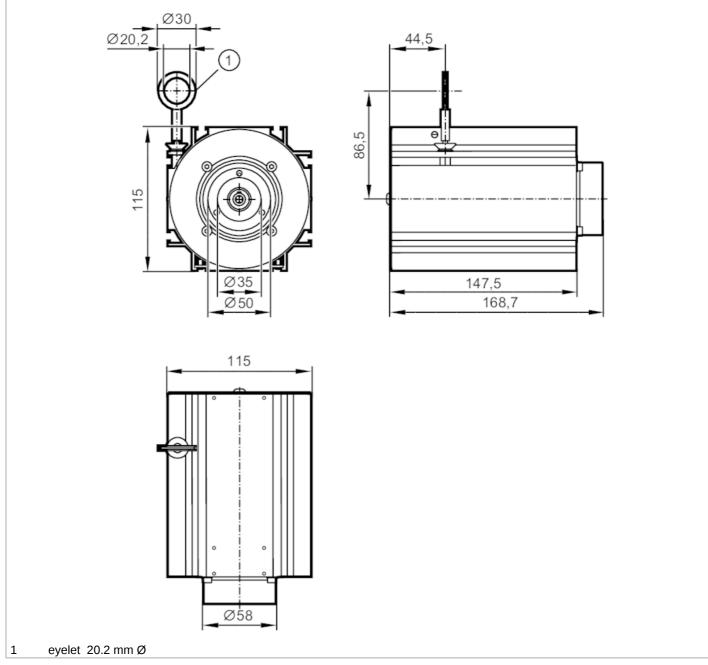
E61443

Draw-wire mechanism for encoders







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		± 0.01 % FSO						
Repeatability		±0,001 % FSO						
Operating conditions								
Ambient temperature	[°C]	-2080						
Storage temperature	[°C]	-4080						

E61443

Draw-wire mechanism for encoders

DRAW WIRE 10000



Storage humidity	[%]	595; (non condensing)					
Tests / approvals							
Shock resistance		IEC628-2-27 50 g / 20 ms					
Vibration resistance		IEC68-2-6 20 g / 20200 Hz					
Mechanical data							
Weight	[g]	3510.8					
Dimensions	[mm]	115 x 168.7 x 115					
Top flange diameter	[mm]	58					
Material		housing: aluminum anodized; wire: stainless steel polyamide coated					
Shaft design		solid shaft					
Shaft diameter	[mm]	6					
Max. measuring length	[mm]	10000					
Wire drum circumference	[mm]	315					
Wire diameter	[mm]	1					
Wire connection		20,2; (eyelet)					
Wire properties		max. speed of wire displacement	[m /s]		2		
		max. wire acceleration	[g]		6		
		max. extension force	[N]		21		
		min. retraction force	[N]		8		
Fixing flange		Synchro-flange					
Accessories							
Items supplied		screws: 3 x M4					
		cylinder screws: 4 x M4					
		washers					
		Synchro-flange Coupling for encoders					
Remarks			Couping I	oi elicouels			
			1.				
Pack quantity		1 pcs.					
Diagrams and graphs							

