

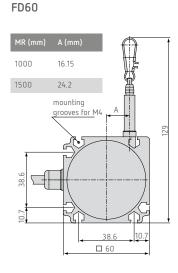
mm FD60 digital

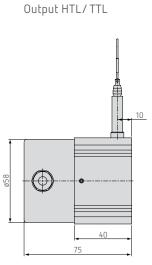
Description

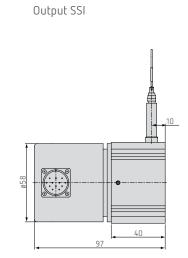
- Robust aluminium profile housing
- Customized versions for OEM
- Incremental/absolute encoder

Draw wire sensors of the FD60 Series are designed for general use. Numerous options enable a suitable sensor to be selected for almost any application. Various measuring ranges and digital output types facilitate fast integration for many application areas.

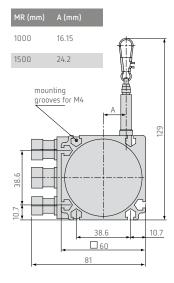
Outline drawing

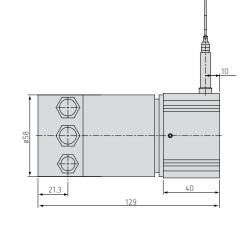






FD60 Output CO/PB







SENSORS & CONTROLS





Technical data

Model		FD60-1000	FD60-1500	
Output		HTL/ TTL/ PB	/ CO/ SSI	
Measuring range		1000mm	1500mm	
Linearity	±0.02% FS0	±0.2mm	±0.3mm	
Resolution	HTL, TTL	0.067mm (15 Pulses/mm)	0.1mm(10 Pulses/mm)	
	SSI, PB, CO	0.024mm	0.03mm	
Sensor element		incremental end	coder	
Temperature range		-20	+80°C	
Material	housing	aluminium		
	draw wire	coated polyamid stainless steel (ø 0.45mm)		
Sensormontage		mounting groove	es in the housing	
Wire mounting	wire clip		e clip	
Wire acceleration		10g	15g	
Wire retraction force (min)		5N	3.5N	
Wire extension force (max)		7.5N	5.5N	
Protection class	IP 65 (only if connected)			
Mechanical shock		50g, 10ms		
Electrical connection	HTL/TTL	integrated cable, radial, 1m long		
	SSI	flange connector, radial, 12-pin		
	PB/CO	bus cover		
Weight		арр	or. 1kg	

FSO = Full Scale Output

Ordering code

FD60 -	1000	-	CR -	TTL Output option: HTL TTL CO: CANopen PB: Profibus DP SSI
			CR (Ou	ction: Itput SSI): radial plug Itput HTL, TTL): integrated cable, radial, 1m utput CO, PB): bus cover
	Meas	uri	ng rang	ge in mm
Model F	-D60			

11.2016 | version 20111011

Page 2/2

The information provided herein is to the best of our knowledge true and accurate, it is provided for guidance only. All specifications are subject to change without prior notification.

Althen – Your expert partner in Sensors & Controls | althensensors.com

Althen stands for pioneering measurement and custom sensor solutions. In addition we offer services such as calibration, design & engineering, training and renting of measurement equipment.

Germany/Austria/Switzerland info@althen.de **Benelux** sales@althen.nl **France** info@althensensors.fr Sweden info@althensensors.se USA/Canada info@althensensors.com Other countries info@althensensors.com