

# mm FDMK30 digital

## Description

- Robust plastic housing
- Customized versions for OEM
- Smallest design in its class
- Incremental encoder

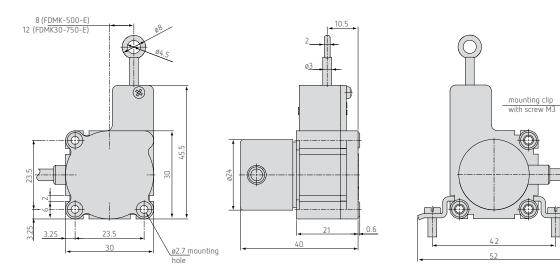


**SENSORS & CONTROLS** 

The miniature draw-wire sensors of the FDMK series are specially designed for use in high-volume production. Due to the favorable price and the compact size of the sensor, new potential designs and cost optimization are the benefits to the user.

### Outline drawing

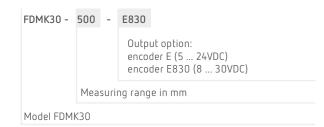
#### FDMK30





#### Technical data

Model		FDMK30-500	FDMK30-750
Output		E/E830	E/E830
Measuring range		500mm	750mm
Linearity E	±0.05% FS0	0.25mm	0.375mm
Resolution		10 Pulses/mm	6.7 Pulses/mm
		0.1mm	0.15mm
Sensor element		Incremental encoder	
Temperature range		-20 +80°C	
Material	housing	plastic	
	draw wire	coated polyamid stainless steel (ø 0.36mm)	
Wire mounting		eyelet	
Sensor mounting		mounting holes / mounting grooves	
Wire Acceleration	appr. 5g		
Wire retraction force (min)	appr. 1N		
Vire extension force (max) appr. 2.5N		pr. 2.5N	
Protection class		IP54	
Electrical connection		cable radial, 1m	
Weight		ca. 80g	
FSO = Full Scale Output			
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Technical data			



Page 2/2

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