



DX020

Miniature Indicator and Tachometer with Incremental Input (A)

Product Features:

- Indicates speeds, frequencies and cycle times in a range of 0 to 999 999 units
- Miniature housing and additional bezels for clip or screw mounting
- Display value of the speed indicator freely scalable
- Bright LED display 6 digits / 8 mm (0.315")
- Selectable filter for mechanical inputs
- Adjustable multiplier and divider
- Easy to set up by menu support
- 60 kHz of counting frequency
- Protection class IP65 on front
- 10 to 30 VDC power supply

Technical Specifications:		
Power supply:	Input voltage:	10 ... 30 VDC
	Protection circuit:	reverse polarity protection
	Consumption:	max. 50 mA
Connections:	Type of connection	screw terminal, 1.5 mm ² / AWG 16
Inkremental-Eingang:	Characteristic:	NPN / PNP / Namur
	Channels:	single track
	Signal levels:	LOW = 0 V.....0.2 x UB, HIGH = 0.6 x UB...30 V
	Pulse form:	arbitrary (Schmitt-Trigger)
	Internal resistance:	Ri ≈ 10 kOhm
	Input frequency:	max. 20 kHz with 12 V power supply max. 60 kHz with 24 V power supply max. 30 Hz with activated filter
Accuracy:	Measurement error:	< 0.1 %
Power down memory:	Data retention:	10 years (EEPROM)
	Storage Cycles:	10 ⁶
Display:	Type:	6 digit LED, red
	Digit height:	8 mm / 0.3149 inch
	Range:	0 ... 999 999
Housing:	Material:	plastic
	Mounting:	panel
	Dimensions:	cut out (w x h): 45 x 22 mm / 1.772 x 0.866 inch outer dimensions (w x h x d): 48 x 24 x 59 mm / 1.889 x 0.9449 x 2.323 inch
	Miscellaneous:	additional bezels for clip or screw mounting are included in the delivery
	Protection class:	front: IP 65 / rear: IP20
	Weight:	approx. 50 g
Ambient temperature:	Operation:	-20°... + 55° C / -4° ... 131° F (not condensing)
	Storage:	-25°... + 70° C / -13° ... 158° F (not condensing)
Conformity & standards:	EMC 2004/108/EC:	EN 61000-6-2, EN 61000-6-3, EN 61000-6-4
	RoHS 2011/65/EU:	EN 50581