



touchMATRIX[®] Indicator PN350

PROFINET indicator with touchscreen and graphic display

Product Features:

- Multifunction display with PROFINET interface
- Operating modes for displaying two process values and combination of the two values (1+2, 1-2, 1x2, 1:2)
- Profinet IO Device Conformance Class B
- Dual Port Ethernet with integrated switch
- Bright and high-contrast display with event-dependent color variations
- Emulation of a 7-segment display inclusively icons and units
- Intuitive and easy parameterization by plain text and touchscreen
- 3.78 x 1.89 inch (96 x 48 mm) norm panel housing and IP65 protection

Technical Specification:		
Connection:	Connection type:	Screw terminals, 1,5 mm ² / AWG 16
Power supply DC:	Input voltage:	18 ... 30 VDC
	Protection circuit:	Reverse polarity protection
	Consumption:	ca. 100 mA (unloaded)
	Fuse protection:	extern: T 0,5 A
Auxiliary voltage output:	With DC supply:	24 VDC (approx. 1 V lower than input voltage, max. 250 mA or 5 VDC (± 15%), max. 250 mA
	With AC supply:	24 VDC (± 15%) (max. 150 mA up to 45°C / 80 mA from 45°C) or 5 VDC (± 15%), max. 250 mA
Profinet interface	Connection::	2 Ethernet Ports RJ45 with integrated switch and galvanic isolation
	Data transfer rate:	100 Mbit/s full duplex
	Communication:	Profinet IO Device Profinet RT with cyclic and acyclic data exchange
	Conformance-Class:	exchange
	Netload-Class:	B III
Control inputs:	Number of inputs:	3
	Format:	HTL, PNP (Low 0 ... 3 V, High 9 ... 30 V)
	Frequency:	max. 10 kHz
	Load:	max. 2 mA / Ri > 15 kOhm / 470 pF
Display:	Type:	Graphic LCD with backlight
	Display range:	8 digits plus sign (-99999999 ... 99999999)
	Digit height:	13 mm / 0.51 inch
	Color:	Red / green / yellow (switchable)
	Operation:	touchscreen (resistive)
Housing:	Material:	ABS, UL 94 V-0
	Mounting:	Panel
	Dimensions (w x h x d):	96 x 48 x 116 mm / 3.78. x 1.89 x 4.56 inch
	Cut out (w x h):	91 x 43 mm / 3.58 x 1.69 inch
	Protection class:	IP65 (front), IP20 (rear)
	Weight:	Approx. 200 g
Ambient temperature:	Operation:	-20°C ... +60°C resp. -4 ... 140°F
	Storage:	-25°C ... +70°C resp. -13 ... 158°F
Conformity and standards:	EMV 2014/30/EU:	EN 61326-1 for industrial location EN 55011 / CISPR11 Class A
	RoHS (II) 2011/65/EU, RoHS (III) 2015/863:	EN IEC 63000