

DEIX11564

**SSI Indicator with Two Relay Outputs
and Serial Interface, for Use with
Single-Turn or Multi-Turn SSI Encoders**



- Clear LED display (15 mm / 0.59" size) with adjustable brightness
- Master- or Slave operation with clock rates up to 1 MHz
- Suitable for all SSI formats from 8 to 32 bits
- Two presets and relay outputs
- Serial RS232 / RS485 interface
- Numerous supplementary functions like Linearization, Bit Blanking etc.

MEYER INDUSTRIE-ELECTRONIC GMBH

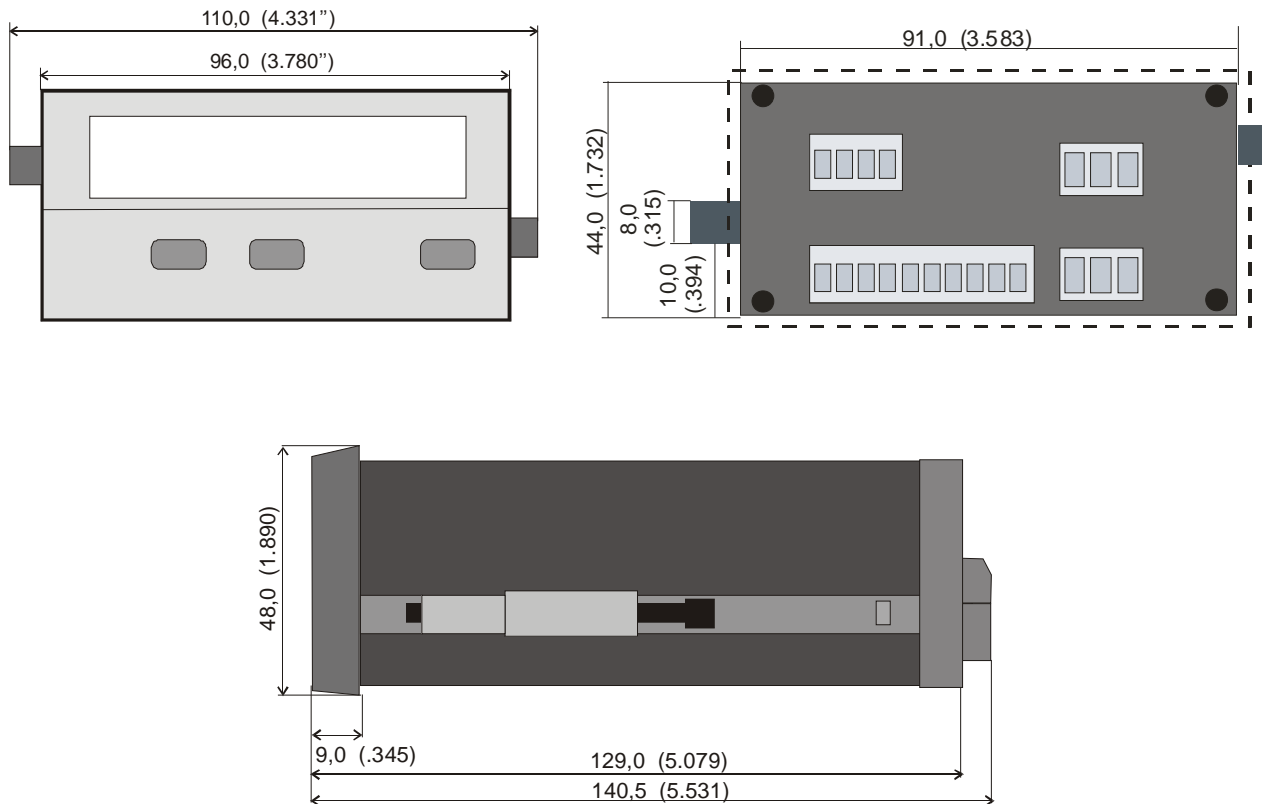
Systeme und Komponenten für die Automatisierungstechnik

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1. Technical Appendix

1.1. Dimensions



Panel cut out: 91 x 44 mm (3.583 x 1.732")

1.2. Technical Specifications

Supply voltage DC	: 24 V (17 – 30 V)
Consumption (without sensor)	: 17 V: 190 mA, 24 V: 150 mA, 30 V: 120 mA
Aux. output for encoder	: 24 VDC, +/- 15%, 120 mA (with AC and DC supply)
Control Inputs	: 3 inputs, A, B, C (PNP/NPN/Namur)
Input currents	: 5.1 mA / 24 V ($R_i = 4,7 \text{ k}\Omega$)
Input level HTL	: Low: 0 ... 2 V, High: 9 ... 35 V
SSI input frequency range	: 100 Hz – 1 MHz
Min. pulse duration for Reset	: 5 msec
Serial interface	: RS 232 or RS 485 (switch selectable) 600 ... 38400 bauds
Ambient temperature	: Operation: 0° - 45°C (32 – 113°F) Storage: -25° - +70°C (-13 – 158°F)
Housing	: Norly UL94 – V-0
Display	: 6 decades, LED, high- efficiency orange, 15 mm (0.59")
Protection class	: Front IP65, Rear IP20
Terminal cross section	: Signals max. 1.5 mm ² , AC power max. 2.5 mm ²
Output Relays	: 2 relays with dry changeover contacts 250 VAC / 1 A / 250 VA or 100 VDC / 1 A / 100 W
Conformity and Standards	: EMC 2004/108/EC: EN 61000-6-2 EN 61000-6-3 LV 2006/95/EC: EN 61010-1