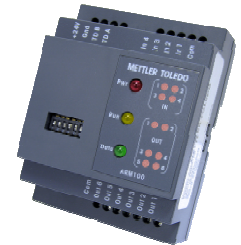


ARM100 Digital Input/Output Module

Interfaces METTLER TOLEDO Terminal to Control Additional Discrete I/O

| Specifications | | | | |
|-----------------------|--|---------------|---------------|--------------|
| Dimensions | Enclosure | | | |
| | Module Only | 2.9" (74 mm) | 3.9" (100 mm) | 2.2" (57 mm) |
| | Harsh | 6.3" (159 mm) | 7.0" (178 mm) | 2.8" (70 mm) |
| Weight | 0.5 kg (1.0 lb) | | | |
| Mounting | <ul style="list-style-type: none"> N35 DIN rail mount Optional 304 stainless steel wall mount enclosure | | | |
| Power | 24 VDC 1A, Class 2 power supply | | | |
| Serial Data Input | <ul style="list-style-type: none"> Multi-drop RS-485 interface Module is addressable from 1 to 15 Parameters: 57,600 baud, 8 data bits, even parity, 1 stop bit | | | |
| Discrete Inputs | <ul style="list-style-type: none"> 4 optically isolated solid state inputs Input voltage range from 5 to 24 VDC (30 VDC at 40 mA maximum) 4 LEDs indicate input status External voltage source and ground required | | | |
| Discrete Outputs | <ul style="list-style-type: none"> 6 normally open, dry contact relays Contact rating: 250 VAC or 30 VDC at 1 amp maximum Total current not to exceed 3 amps 6 LEDs indicate output status External voltage source required | | | |
| LED Indicators | <ul style="list-style-type: none"> Power: ON with external power applied Run: Flashing ON when internal diagnostic tests OK Data: ON when communicating with the terminal | | | |
| Operating Environment | -10°C to +40° C (14°F to 104°F), 10% to 95% relative humidity, non-condensing | | | |
| Applicable Terminal | IND560 | | | |
| Agency Approvals | cULus, CE | | | |



| Features | Benefits |
|---------------------------|--|
| Compact Footprint | Uses minimal mounting space to minimize cabinet size |
| I/O Assignment | Quick assignment of each I/O via the IND560 keypad or efficiently with the InSite™ PC tool |
| DIN rail mounting | Easy, fast installation |
| Terminal Strip Connectors | Quick, secure connection of power and signal lines |
| UL Approval | UL recognition facilitates UL approval of control system |
| Safety interlocks | Outputs disabled if a no communication condition exists |
| Global approvals | Provides product acceptance in local markets |
| Optional Harsh enclosure | Allows for use in a variety of applications including aggressive, washdown environments |

Contact your local METTLER TOLEDO® sales office or authorized distributor for additional information.

INDB0007.0E

Specifications subject to change without notice
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