

### Machine Edition (ME)

The Inline ME versions (Machine Edition) are designed to be used in a space-saving and inexpensive way, for example with machine applications if minimum connection technology is possible.

The digital Inline input terminal is designed for the connection of digital signals, such as are emitted from control switches, limit switches or proximity switches, and the digital Inline output terminals are designed for the connection of digital actuators, such as electromagnetic valves, contactors or visual indicators.

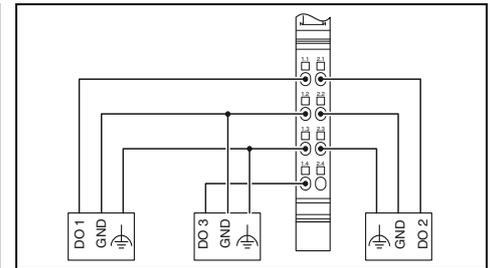
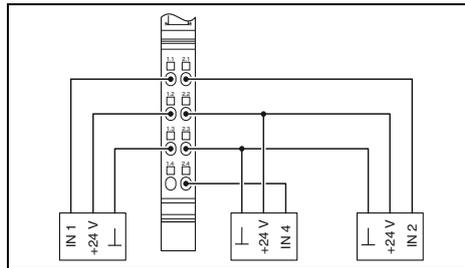
The digital ME variants are only available in packages of 4.



4/16 digital inputs



4/16 digital outputs



#### Technical data

	IB IL 24 DI 4-ME	IB IL 24 DI 16-ME
Local bus interface	Inline data jumper	
Connection method	24 V DC (via voltage jumper)	
Power supply for module electronics	19.2 V DC ... 30 V DC (including all tolerances, including ripple)	
Supply voltage	40 mA	
Supply voltage range	Spring-cage connection	
	2, 3-wire	
Supply current	4 (EN 61131-2 type 1)	16 (EN 61131-2 type 1)
Digital inputs	< 1 ms	
Connection method	-	
Connection technology	-	
Number of inputs	-	
Typical response time	-	
Digital outputs	Spring-cage connection	
Connection method	2, 3-wire	
Connection technology	4	16
Maximum number of outputs	500 mA	
Maximum output current per channel	-	
General data	Spring-cage connection	
Connection method	0.08 ... 1.5 mm <sup>2</sup> / 0.08 ... 1.5 mm <sup>2</sup> / 28 - 16	
Connection data solid / stranded / AWG	59 g	
Weight	12.2 mm / 119.8 mm / 71.5 mm	48.8 mm / 119.8 mm / 71.5 mm
Dimensions W / H / D	-25 °C ... 55 °C	
Dimensions	Class A product, see page 527	
Ambient temperature (operation)	-	
EMC note	-	

#### Technical data

	IB IL 24 DO 4-ME	IB IL 24 DO 16-ME
Local bus interface	Inline data jumper	
Connection method	24 V DC (via voltage jumper)	
Power supply for module electronics	19.2 V DC ... 30 V DC (including all tolerances, including ripple)	
Supply voltage	44 mA	
Supply voltage range	90 mA	
Supply current	Spring-cage connection	
Digital inputs	-	
Connection method	-	
Connection technology	-	
Number of inputs	-	
Typical response time	-	
Digital outputs	Spring-cage connection	
Connection method	2, 3-wire	
Connection technology	4	16
Maximum number of outputs	500 mA	
Maximum output current per channel	-	
General data	Spring-cage connection	
Connection method	0.08 ... 1.5 mm <sup>2</sup> / 0.08 ... 1.5 mm <sup>2</sup> / 28 - 16	
Connection data solid / stranded / AWG	59 g	
Weight	12.2 mm / 119.8 mm / 71.5 mm	48.8 mm / 119.8 mm / 71.5 mm
Dimensions W / H / D	-25 °C ... 55 °C	
Dimensions	Class A product, see page 527	
Ambient temperature (operation)	-	
EMC note	-	

#### Ordering data

Description	Type	Order No.	Pcs. / Pkt.
<b>Inline digital input terminal</b> , Machine Edition variant, complete with accessories (connector plug and marking field)			
- 4 inputs	IB IL 24 DI 4-ME	2863928	4
- 16 inputs	IB IL 24 DI 16-ME	2897156	4
<b>Inline digital output terminal</b> , Machine Edition variant, complete with accessories (connector plug and marking field)			
- 4 outputs			
- 16 outputs			

#### Ordering data

Description	Type	Order No.	Pcs. / Pkt.
<b>Inline digital output terminal</b> , Machine Edition variant, complete with accessories (connector plug and marking field)			
- 4 outputs	IB IL 24 DO 4-ME	2863931	4
- 16 outputs	IB IL 24 DO 16-ME	2897253	4