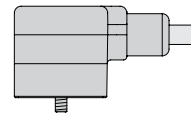


# Valve Plug Connectivity

## Valve Connectors, Type "I" (11 mm)

- Available with PVC and TPU Jackets
- 18 and 24 AWG
- 2 Conductors + Ground



### "I" Style Valve Connectors, Standard Color Code

Type I

Application	Cable Specs	Pinout	Voltage VAC/DC	Straight Wired	Indicator LED	Indicator LED and MOV**	Indicator LED and Diode - DC only
Standard duty PVC	3/18 AWG, Grey PVC	1. BK 1	0-220	VIS 2-A653-*M	----	----	----
	105 °C	2. BK 2	24-48	----	VIS 2-B653-*M	VIS 2-D653-*M	VIS 2-F653-*M
	6.2 mm OD Black Body	Gnd - GN/YE	110-220	----	VIS 2-C653-*M	VIS 2-E653-*M	----
Standard duty TPU	3/18 AWG, Grey TPU	1. BK 1	0-220	VIS 2-A669-*M	----	----	----
	90 °C	2. BK 2	24-48	----	VIS 2-B669-*M	VIS 2-D669-*M	VIS 2-F669-*M
	6.0 mm OD Black Body	Gnd - GN/YE	110-220	----	VIS 2-C669-*M	VIS 2-E669-*M	----

### "I" Style Valve Connectors, IEC Color Code

Application	Cable Specs	Pinout	Voltage VAC/DC	Straight Wired	Indicator LED	Indicator LED and MOV**	Indicator LED and Diode - DC only
Small diameter PVC	3/24 AWG, Yellow PVC	1. BN	0-220	VIS 2-A642-*M	----	----	----
	105 °C	2. BU	24-48	----	VIS 2-B642-*M	VIS 2-D642-*M	VIS 2-F642-*M
	4.4 mm OD Black Body	Gnd - BK	110-220	----	VIS 2-C642-*M	VIS 2-E642-*M	----
Small diameter TPU	3/24 AWG, Black TPU	1. BN	0-220	VIS 2-A587-*M	----	----	----
	90 °C	2. BU	24-48	----	VIS 2-B587-*M	VIS 2-D587-*M	VIS 2-F587-*M
	4.2 mm OD Black Body	Gnd - BK	110-220	----	VIS 2-C587-*M	VIS 2-E587-*M	----

\* Length in meters.

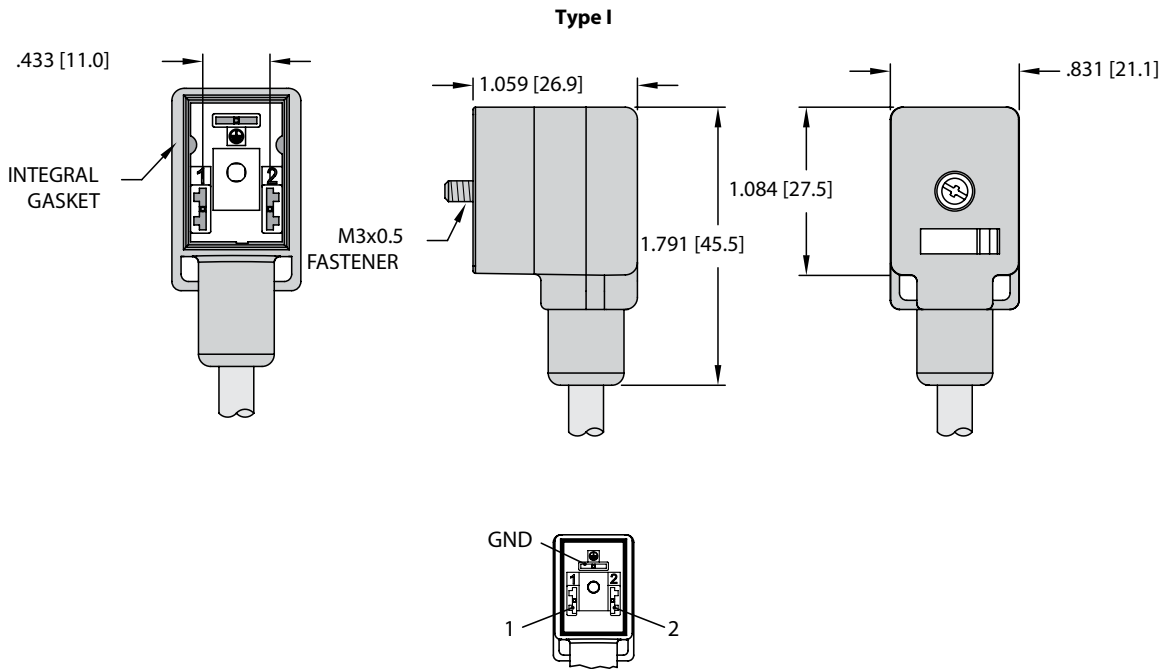
We reserve the right to make technical alterations without prior notice.

### Specifications

- Connectors:** Oil resistant polyurethane body material, Nylon contact carrier.
- Contacts:** Silver plated copper alloy.
- Cable:** See table.
- Cable Length:** Standard cable lengths are nominal 2, 5 and 10 meters. Other lengths available by request - consult factory.
- Protection Class:** NEMA 1, 3, 4, 6P and IEC IP 67 when connected and secured.

**Options:** Grey connector body available (special order), change part number VIS .. or VIY .. to VIG ..  
 To have cable exit on the same side as the ground pin, change part number from VIS .. to TIS ..  
 For other combinations or options, consult factory.

### Dimensions



We reserve the right to make technical alterations without prior notice.

Valve Plug

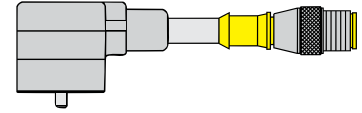
### Wiring Diagrams

Straight Wired (A)	Indicator LED (B, C)	Indicator LED and MOV (D, E)	Indicator LED and Diode - DC (F)
<p>Diagram A shows a straight-wired configuration with three terminals: 1, 2, and GND. Terminal 1 is connected to terminal 2, and terminal 2 is connected to GND.</p>	<p>Diagram B shows an LED circuit. Terminal 1 is connected to one side of a diode bridge. Terminal 2 is connected to the other side of the bridge. GND is connected to the common ground of the bridge. An LED labeled 'YE' is connected in parallel with the bridge.</p>	<p>Diagram D shows an LED and MOV circuit. Terminal 1 is connected to one side of a diode bridge. Terminal 2 is connected to the other side of the bridge. GND is connected to the common ground of the bridge. An LED labeled 'YE' and a MOV are connected in parallel with the bridge.</p>	<p>Diagram F shows an LED and diode circuit for DC. Terminal 1 is connected to one side of a diode bridge. Terminal 2 is connected to the other side of the bridge. GND is connected to the common ground of the bridge. An LED labeled 'YE' and a diode are connected in parallel with the bridge.</p>

# Valve Plug Connectivity

## Valve Connectors, Type "I" (11 mm) Extensions

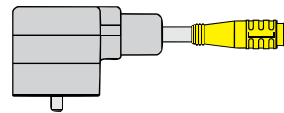
- Eurofast® and Picofast® Connectors
- Wired for use with Junction Box
- 2 Conductors + Ground



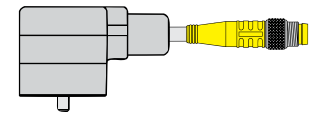
### "I" Style Valve Connectors, Eurofast Extension

#### Eurofast Extension

Application	Cable Specs	Voltage VAC/DC	Straight Wired	Indicator LED	Indicator LED and MOV	Indicator LED and Diode - DC only
Standard duty PVC	3/18 AWG Grey PVC 105 °C 6.2 mm OD	0-220	VIS 2-A653-*M-RS 5.3T	----	----	----
		24-48	----	VIS 2-B653-*M-RS 5.3T	VIS 2-D653-*M-RS 5.3T	VIS 2-F653-*M-RS 5.3T
		110-220	----	VIS 2-C653-*M-RS 5.3T	VIS 2-E653-*M-RS 5.3T	----
Standard duty TPU	3/18 AWG Grey TPU 90 °C 6.0 mm OD	0-220	VIS 2-A669-*M-RS 5.3T	----	----	----
		24-48	----	VIS 2-B669-*M-RS 5.3T	VIS 2-D669-*M-RS 5.3T	VIS 2-F669-*M-RS 5.3T
		110-220	----	VIS 2-C669-*M-RS 5.3T	VIS 2-E669-*M-RS 5.3T	----



#### Picofast Snap Extension



#### Picofast Threaded Extension

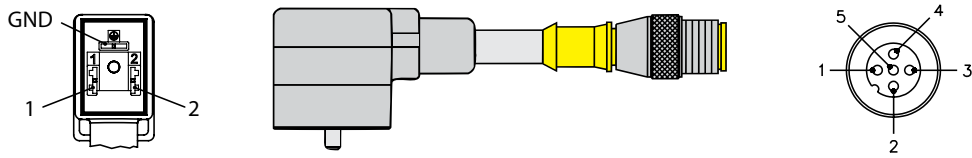
### "I" Style Valve Connectors, Picofast Extension

Application	Cable Specs	Voltage VAC/DC	Straight Wired	Indicator LED	Indicator LED and MOV	Indicator LED and Diode - DC only
Small diameter, PVC Snap lock	3/24 AWG Yellow PVC 105 °C 4.4 mm OD	0-125	VIS 2-A642-*M-PSG 3	----	----	----
		24-48	----	VIS 2-B642-*M-PSG 3	VIS 2-D642-*M-PSG 3	VIS 2-F642-*M-PSG 3
		110-220	----	----	----	----
Small diameter, TPU Snap lock	3/24 AWG Black TPU 90 °C 4.2 mm OD	0-125	VIS 2-A587-*M-PSG 3	----	----	----
		24-48	----	VIS 2-B587-*M-PSG 3	VIS 2-D587-*M-PSG 3	VIS 2-F587-*M-PSG 3
		110-220	----	----	----	----
Small diameter, PVC Threaded	3/24 AWG Yellow PVC 105 °C 4.4 mm OD	0-125	VIS 2-A642-*M-PSG 3M	----	----	----
		24-48	----	VIS 2-B642-*M-PSG 3M	VIS 2-D642-*M-PSG 3M	VIS 2-F642-*M-PSG 3M
		110-220	----	----	----	----
Small diameter, TPU Threaded	3/24 AWG Black TPU 90 °C 4.2 mm OD	0-125	VIS 2-A587-*M-PSG 3M	----	----	----
		24-48	----	VIS 2-B587-*M-PSG 3M	VIS 2-D587-*M-PSG 3M	VIS 2-F587-*M-PSG 3M
		110-220	----	----	----	----

\* Length in meters.

We reserve the right to make technical alterations without prior notice.

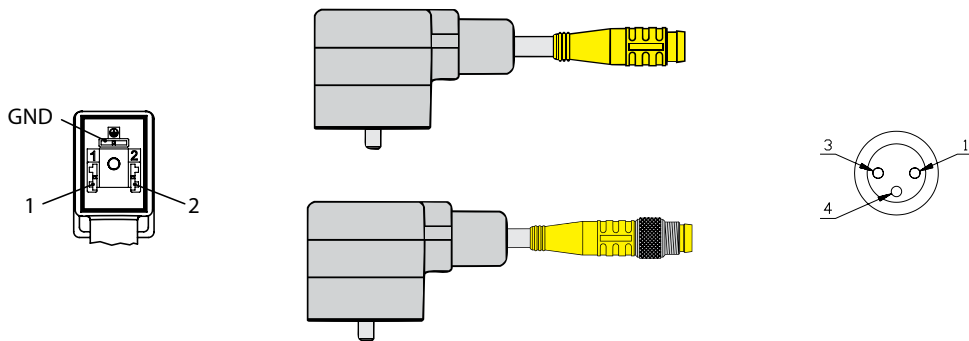
**Type "I" (11 mm) Valve Connector to Eurofast® Extension**



**Wiring Diagrams**

Straight Wired (A)	Indicator LED (B, C)	Indicator LED and MOV (D, E)	Indicator LED and Diode - DC (F)
<p>1 → 4</p> <p>2 → 3</p> <p>GND → 5</p>			<p>DC ONLY</p>

**Type "I" (11 mm) Valve Connector to Picofast® Extension**



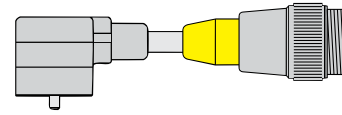
**Wiring Diagrams**

Straight Wired (A)	Indicator LED (B, C)	Indicator LED and MOV (D, E)	Indicator LED and Diode - DC (F)
<p>1 → 4</p> <p>2 → 3</p> <p>GND → NC</p>			<p>DC ONLY</p>

# Valve Plug Connectivity

## Valve Connectors, Type "I" (11 mm) Extensions

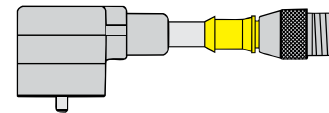
- Minifast® and Microfast® Connectors
- Available with PVC and TPU
- 18 AWG
- 2 Conductors + Ground (Eurofast)



### "I" Style Valve Connectors, Minifast Extension

#### Minifast Extension

Application	Cable Specs	Voltage VAC/DC	Straight Wired	Indicator LED	Indicator LED and MOV**
Standard duty PVC	3/18 AWG, Grey PVC 105 °C 6.2 mm OD Black Body	0-220	VIS 2-A653-*M-RSM 30	----	----
		24-48	----	VIS 2-B653-*M-RSM 30	VIS 2-D653-*M-RSM 30
		110-220	----	VIS 2-C653-*M-RSM 30	VIS 2-E653-*M-RSM 30
Standard duty TPU	3/18 AWG, Grey TPU 90 °C 6.0 mm OD Black Body	0-220	VIS 2-A669-*M-RSM 30	----	----
		24-48	----	VIS 2-B669-*M-RSM 30	VIS 2-D669-*M-RSM 30
		110-220	----	VIS 2-C669-*M-RSM 30	VIS 2-E669-*M-RSM 30



### "I" Style Valve Connectors, Microfast Extension

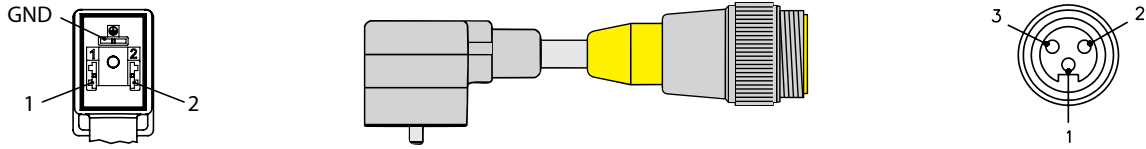
#### Microfast Extension

Application	Cable Specs	Voltage VAC/DC	Straight Wired	Indicator LED	Indicator LED and MOV**
Standard duty PVC	3/18 AWG, Grey PVC 105 °C 6.2 mm OD Black Body	0-220	VIS 2-A653-*M-SB 3T	----	----
		24-48	----	VIS 2-B653-*M-SB 3T	VIS 2-D653-*M-SB 3T
		110-220	----	VIS 2-C653-*M-SB 3T	VIS 2-E653-*M-SB 3T
Standard duty TPU	3/18 AWG, Grey TPU 90 °C 6.0 mm OD Black Body	0-220	VIS 2-A669-*M-SB 3T	----	----
		24-48	----	VIS 2-B669-*M-SB 3T	VIS 2-D669-*M-SB 3T
		110-220	----	VIS 2-C669-*M-SB 3T	VIS 2-E669-*M-SB 3T

\* Length in meters.

We reserve the right to make technical alterations without prior notice.

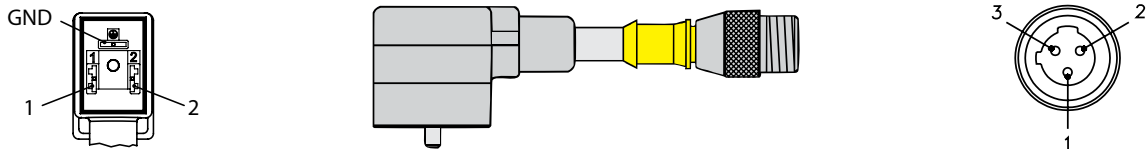
Type "I" (11 mm) Valve Connector to Minifast® Extension



Wiring Diagrams

Straight Wired (A)	Indicator LED (B, C)	Indicator LED and MOV (D, E)
<p>1 ) → 2</p> <p>2 ) → 3</p> <p>GND ) → 1</p>		

Type "I" (11 mm) Valve Connector to Microfast® Extension



Wiring Diagrams

Straight Wired (A)	Indicator LED (B, C)	Indicator LED and MOV (D, E)
<p>1 ) → 2</p> <p>2 ) → 3</p> <p>GND ) → 1</p>		