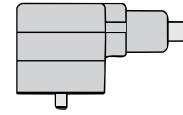


# Valve Plug Connectivity

## Valve Connectors, Type "A" (18 mm)

- Available with PVC and TPU Jackets
- 18 and 24 AWG
- 2 Conductors + Ground, Ground Contacts Parallel Wired



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

Type A

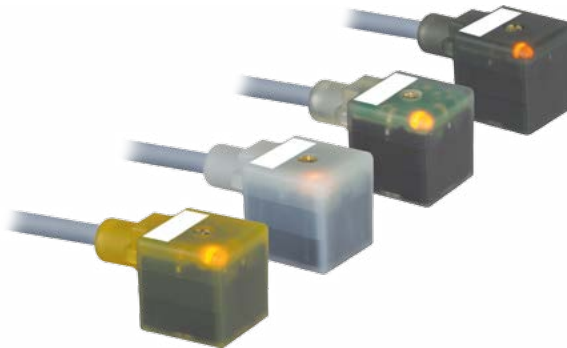
Application	Cable Specs	Pinout	Voltage VAC/DC	Straight Wired	Indicator LED	Indicator LED and MOV**	Indicator LED and Diode - DC only
Standard duty PVC	3/18 AWG, Grey PVC 105 °C 6.2 mm OD Black Body	1. BK 1	0-220	VAS 22-A653-*M	----	----	----
		2. BK 2	24-48	----	VAS 22-B653-*M	VAS 22-D653-*M	VAS 22-F653-*M
		Gnd - GN/YE	110-220	----	VAS 22-C653-*M	VAS 22-E653-*M	----
Standard duty TPU	3/18 AWG, Grey TPU 90 °C 6.0 mm OD Black Body	1. BK 1	0-220	VAS 22-A669-*M	----	----	----
		2. BK 2	24-48	----	VAS 22-B669-*M	VAS 22-D669-*M	VAS 22-F669-*M
		Gnd - GN/YE	110-220	----	VAS 22-C669-*M	VAS 22-E669-*M	----

### "A" 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 105 °C 4.4 mm OD Black Body	1. BN	0-220	VAS 22-A642-*M	----	----	----
		2. BU	24-48	----	VAS 22-B642-*M	VAS 22-D642-*M	VAS 22-F642-*M
		Gnd - BK	110-220	----	VAS 22-C642-*M	VAS 22-E642-*M	----
Small diameter TPU	3/24 AWG, Black TPU 90 °C 4.2 mm OD Black Body	1. BN	0-220	VAS 22-A587-*M	----	----	----
		2. BU	24-48	----	VAS 22-B587-*M	VAS 22-D587-*M	VAS 22-F587-*M
		Gnd - BK	110-220	----	VAS 22-C587-*M	VAS 22-E587-*M	----

\* Length in meters.

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

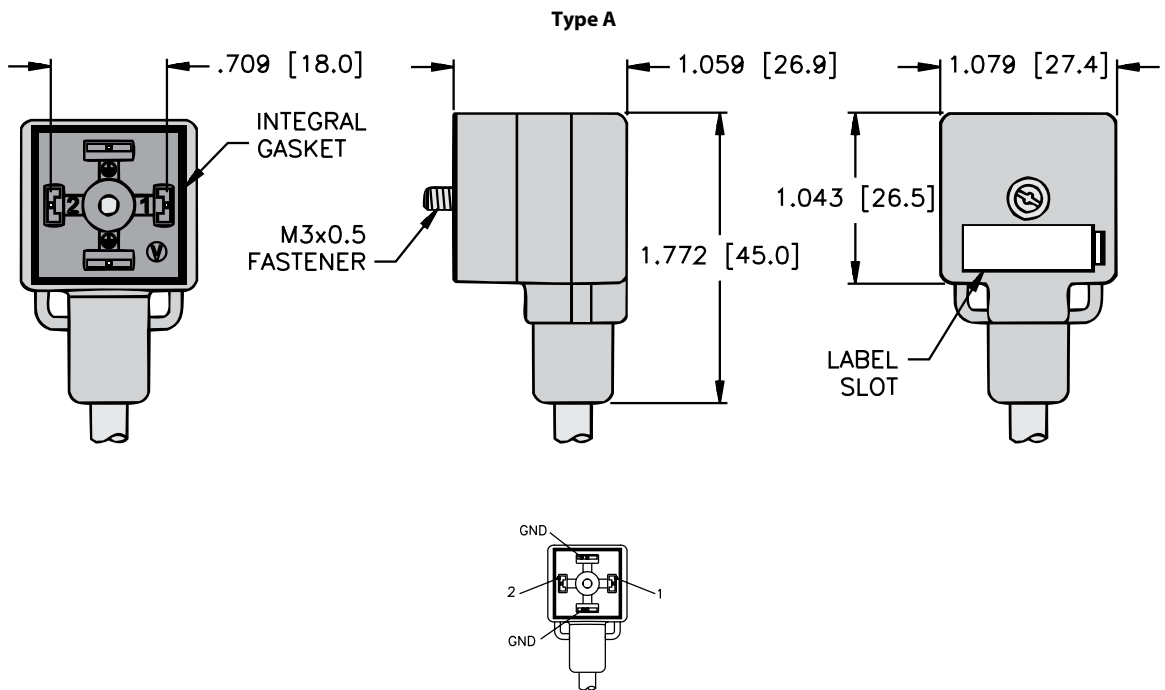


### Specifications

- 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 VAS .. or VAY .. to VAG ..  
For other combinations or options, consult factory.

### Dimensions



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

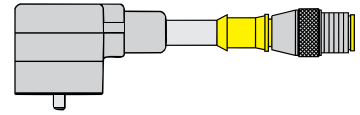
### Wiring Diagrams

Straight Wired (A)	Indicator LED (B,C)	Indicator LED and MOV (D,E)	Indicator LED and Diode - DC (F)

# Valve Plug Connectivity

## Valve Connectors, Type "A" (18 mm) Extensions

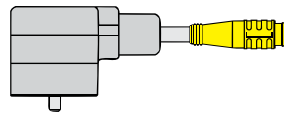
- Eurofast® and Picofast® Connectors
- Wired for Use with Junction Box
- 2 Conductors + Ground, (Eurofast), Ground Contacts Parallel Wired



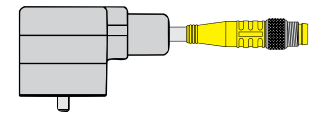
### "A" Style Valve Connectors, Eurofast Extension

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	VAS 22-A653-*M-RS 5.3T	----	----	----
		24-48	----	VAS 22-B653-*M-RS 5.3T	VAS 22-D653-*M-RS 5.3T	VAS 22-F653-*M-RS 5.3T
		110-220	----	VAS 22-C653-*M-RS 5.3T	VAS 22-E653-*M-RS 5.3T	----
Standard duty TPU	3/18 AWG Grey TPU 90 °C 6.0 mm OD	0-220	VAS 22-A669-*M-RS 5.3T	----	----	----
		24-48	----	VAS 22-B669-*M-RS 5.3T	VAS 22-D669-*M-RS 5.3T	VAS 22-F669-*M-RS 5.3T
		110-220	----	VAS 22-C669-*M-RS 5.3T	VAS 22-E669-*M-RS 5.3T	----



Picofast Snap Extension

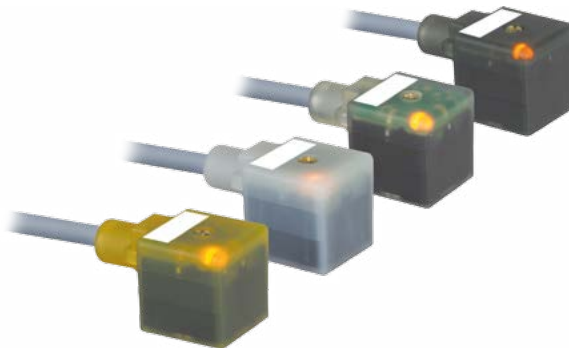


Picofast Threaded Extension

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

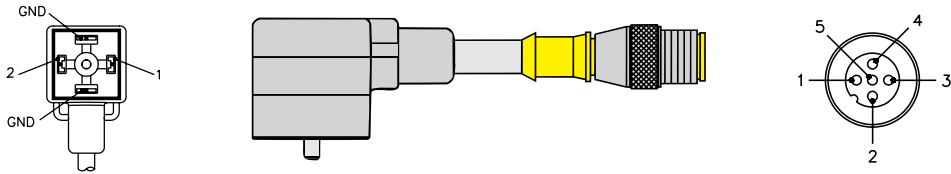
Application	Cable Specs	Voltage VAC/DC	Straight Wired	Indicator LED	Indicator LED and MOV	Indicator LED and Diode - DC only
Small diameter, PVC Snap lock	3/24 AWG Yellow PVC 105 °C 4.4 mm OD	0-125	VAS 22-A642-*M-PSG 3	----	----	----
		24-48	----	VAS 22-B642-*M-PSG 3	VAS 22-D642-*M-PSG 3	VAS 22-F642-*M-PSG 3
		110-220	----	----	----	----
Small diameter, TPU Snap lock	3/24 AWG Black TPU 90 °C 4.2 mm OD	0-125	VAS 22-A587-*M-PSG 3	----	----	----
		24-48	----	VAS 22-B587-*M-PSG 3	VAS 22-D587-*M-PSG 3	VAS 22-F587-*M-PSG 3
		110-220	----	----	----	----
Small diameter, PVC Threaded	3/24 AWG Yellow PVC 105 °C 4.4 mm OD	0-125	VAS 22-A642-*M-PSG 3M	----	----	----
		24-48	----	VAS 22-B642-*M-PSG 3M	VAS 22-D642-*M-PSG 3M	VAS 22-F642-*M-PSG 3M
		110-220	----	----	----	----
Small diameter, TPU Threaded	3/24 AWG Black TPU 90 °C 4.2 mm OD	0-125	VAS 22-A587-*M-PSG 3M	----	----	----
		24-48	----	VAS 22-B587-*M-PSG 3M	VAS 22-D587-*M-PSG 3M	VAS 22-F587-*M-PSG 3M
		110-220	----	----	----	----

\* Length in meters.



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

Type "A" (18 mm) Valve Connector to Eurofast® Extension

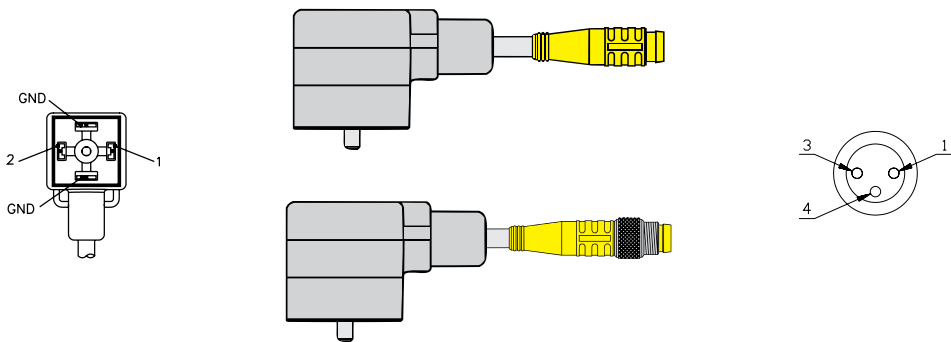


Wiring Diagrams

Straight Wired (A)	Indicator LED (B, C)	Indicator LED and MOV (D, E)	Indicator LED and Diode - DC (F)

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

Type "A" (18 mm) Valve Connector to Eurofast Extension



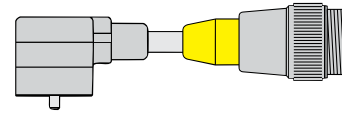
Wiring Diagrams

Straight Wired (A)	Indicator LED (B, C)	Indicator LED and MOV (D, E)	Indicator LED and Diode - DC (F)

# Valve Plug Connectivity

## Valve Connectors, Type "A" (18 mm) Extensions

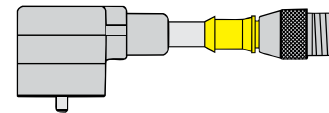
- Minifast® and Microfast® Connectors
- Available with PVC and TPU Jackets
- 18 AWG
- 2 Conductors + Ground, Ground Contacts Parallel Wired



### "A" 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	VAS 22-A653-*M-RSM 30	----	----
		24-48	----	VAS 22-B653-*M-RSM 30	VAS 22-D653-*M-RSM 30
		110-220	----	VAS 22-C653-*M-RSM 30	VAS 22-E653-*M-RSM 30
Standard duty TPU	3/18 AWG, Grey TPU 90 °C 6.2 mm OD Black Body	0-220	VAS 22-A669-*M-RSM 30	----	----
		24-48	----	VAS 22-B669-*M-RSM 30	VAS 22-D669-*M-RSM 30
		110-220	----	VAS 22-C669-*M-RSM 30	VAS 22-E669-*M-RSM 30

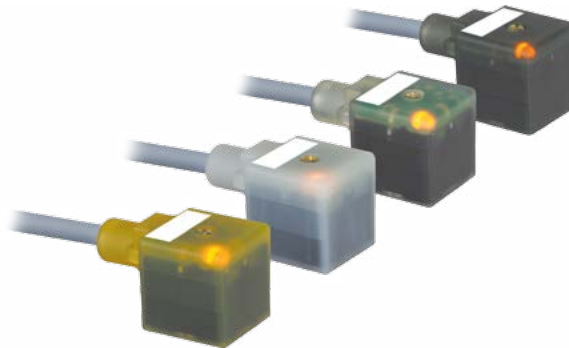


### "A" Style Valve Connectors, Microfast Extension

#### Microfast Extension

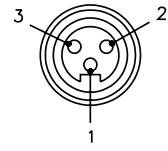
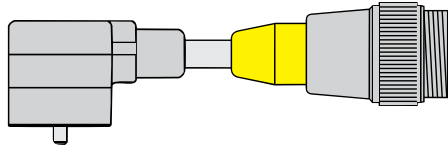
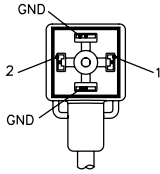
Application	Cable Specs	Voltage VAC/DC	Straight Wired	Indicator LED	Indicator LED and MOV**
Standard duty PVC	3/18 AWG, Grey PVC 105 °C 6.2 mm OD Black Body	0-220	VAS 22-A653-*M-SB 3T	----	----
		24-48	----	VAS 22-B653-*M-SB 3T	VAS 22-D653-*M-SB 3T
		110-220	----	VAS 22-C653-*M-SB 3T	VAS 22-E653-*M-SB 3T
Standard duty TPU	3/18 AWG, Grey TPU 90 °C 6.0 mm OD Black Body	0-220	VAS 22-A669-*M-SB 3T	----	----
		24-48	----	VAS 22-B669-*M-SB 3T	VAS 22-D669-*M-SB 3T
		110-220	----	VAS 22-C669-*M-SB 3T	VAS 22-E669-*M-SB 3T

\* Length in meters.



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Type "A" (18 mm) Valve Connector to Minifast® Extension

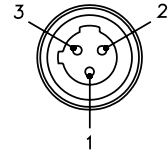
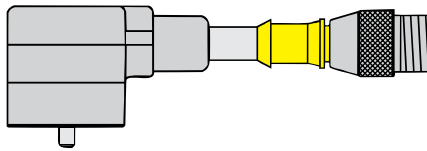
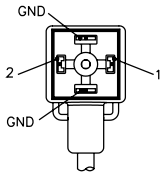


Wiring Diagrams

Straight Wired (A)	Indicator LED (B, C)	Indicator LED and MOV (D, E)

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

Type "A" (18 mm) Valve Connector to Microfast® Extension



Wiring Diagrams

Straight Wired (A)	Indicator LED (B, C)	Indicator LED and MOV (D, E)