TURCK
Industrial Connectivity Products

pico fast ® *multi box*

multibox ® *picofast* ® Junction Boxes, 4-port, 3-Pin
- Snap Lock or Threaded Connectors
- Available with or without LEDs
- Quick Disconnect or Integral Home Run Cable
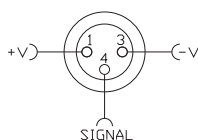
4-port, Snap Lock, 10-48 VDC

Application	Specifications	Pinout		No LEDs	PNP LED
4-port J-box Snap lock connectors Top Integral cable	3 A/port, 3 A total Black PVC 6x24 AWG	Function +V - V Port 1 Port 2 Port 3 Port 4	Color BN BU WH GN YE GY	VB 403Z-*	VB 403Z-PX5-*
4-port J-box 1 signal per port Snap lock connectors Side Integral cable	3 A/port 4 A total Black PVC cable 6x24 AWG			VB 403Z-*C	VB 403Z-PX5-*C
4-port J-box Snap lock connectors *eurofast* connector	3 A/port, 3 A total 8-pin *eurofast* connector 6 conductors mates with RKC 8.6T-*	Function +V - V Port 1 Port 2 Port 3 Port 4	Pin 5 7 1 2 3 4	VB 403Z-FS 8	VB 403Z-PX5-FS 8

4-port, Threaded, 10-48 VDC

Application	Specifications	Pinout		No LEDs	PNP LED
4-port J-box Threaded connectors Top Integral connector	3 A/port, 3 A total Black PVC 6x24 AWG	Function +V - V Port 1 Port 2 Port 3 Port 4	Color BN BU WH GN YE GY	VB 403M-*	VB 403M-PX5-*
4-port J-box 1 signal per port Threaded conductors Side Integral cable	3 A/port 4 A total Black PVC cable 6x24 AWG			VB 403M-*C	VB 403M-PX5-*C
4-port J-box Threaded connectors *eurofast* connector	3 A/port, 3 A total 8-pin *eurofast* connector 6 conductors mates with RKC 8.6T-*	Function +V - V Port 1 Port 2 Port 3 Port 4	Pin 5 7 1 2 3 4	VB 403M-FS 8	VB 403M-PX5-FS 8

Functional Wiring Diagrams

No LED Version

+V — 1 3 — -V
     4
SIGNAL

LED Version

+V   SIGNAL   -V

Specifications

Housing:	Nylon.
Connectors:	PUR (*picofast*®); nylon or PUR (*eurofast*®); PETP (M16).
Contacts:	Gold plated brass.
Thread Inserts:	Nickel plated brass.
Cable:	See table.
LED Current:	10 mA maximum at 48 VDC supply voltage (per LED).
Temperature:	-30°C to +80°C (-22°F to +176°F).
Protection Class:	IEC IP 67.
Accessories:	KS 5/10 labels, 2 pieces PSG-CC (snap lock) or PSGM-CC (threaded) included.
Cable length:	Standard length for junction boxes and M16 quick disconnect cordsets is nominal 5 meters. Other lengths available by request - Consult factory.

Dimensions

4-Port with *eurofast* Home Run Connector
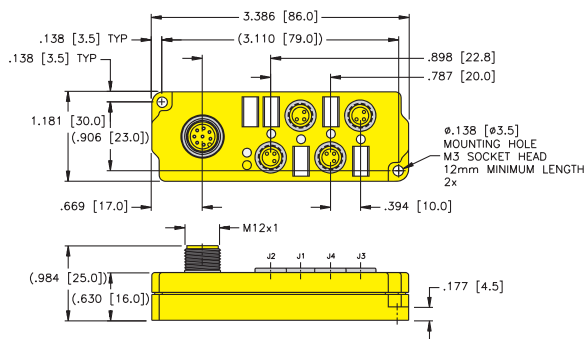
4-Port with Integral Home Run Cable
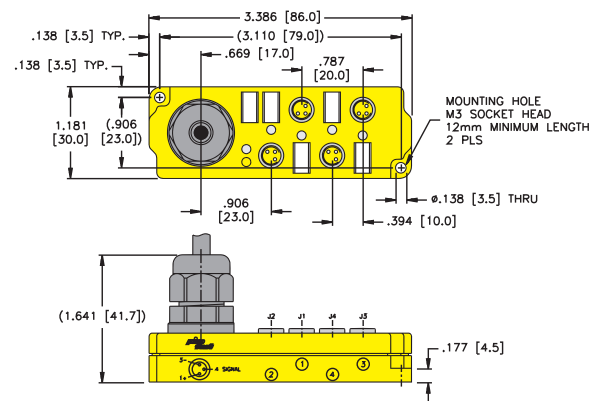
4-Port with Side Integral Home Run Cable
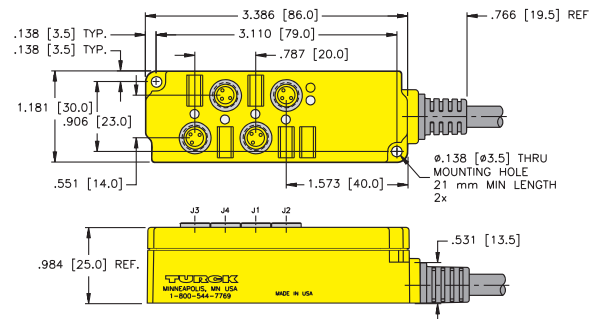
Pinout

Female	Male
3-pin *picofast*	8-pin *eurofast*

Multibox, picofast

TURCK
Industrial Connectivity Products

pico fast® **multi box**

multibox® picofast® Junction Boxes, 8-port, 3-Pin

- Snap Lock or Threaded Connectors
- Available with or without LEDs
- Quick Disconnect or Integral Home Run Cable

8-port, Snap Lock, 10-48 VDC

Application	Specifications	Pinout				No LEDs	PNP LED
8-port j-box Snap lock connectors Top Integral cable	3 A/port, 3 A total Black PVC cable 10x24 AWG	Function +V - V Port 1 Port 2 Port 3	Color BN BU WH GN YE	Function Port 4 Port 5 Port 6 Port 7 Port 8	Color GY PK RD BK VT	VB 803Z-*	VB 803Z-PX9-*
8-port J-box 1 signal per port Snap lock connectors Side Integral cable	3 A/port, 4 A total Black PVC cable 10x24 AWG					VB 803Z-*C	VB 803Z-PX9*C
8-port J-box, Snap lock connectors M16 connector	3 A/port, 3 A total 14 pin M16 connector 10 conductors mates with BKM 14-836-*	Function +V - V Port 1 Port 2 Port 3	Pin/Color M/BN U/BU P/WH E/GN O/YE	Function Port 4 Port 5 Port 6 Port 7 Port 8	Pin/Color C/GY N/PK R/RD G/BK S/VT	VB 803Z-BS14	VB 803Z-PX9-BS14

8-port, Threaded, 10-48 VDC

Application	Specifications	Pinout				No LEDs	PNP LED
8-port j-box Threaded connectors Top Integral cable	3 A/port, 3 A total Black PVC cable 10x24 AWG	Function +V - V Port 1 Port 2 Port 3	Color BN BU WH GN YE	Function Port 4 Port 5 Port 6 Port 7 Port 8	Color GY PK RD BK VT	VB 803M-*	VB 803M-PX9-*
8-port J-box 1 signal per port Threaded connectors Side Integral cable	3 A/port, 4 A total Black PVC cable 10x24 AWG					VB 803M-*C	VB 803M-PX9-*C
8-port J-box, Threaded connectors M16 connector	3 A/port, 3 A total 14 pin M16 connector 10 conductors mates with BKM 14-836-*	Function +V - V Port 1 Port 2 Port 3	Pin/Color M/BN U/BU P/WH E/GN O/YE	Function Port 4 Port 5 Port 6 Port 7 Port 8	Pin/Color C/GY N/PK R/RD G/BK S/VT	VB 803M-BS14	VB 803M-PX9-BS14

Functional Wiring Diagrams

No LED Version

LED Version

Specifications
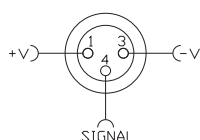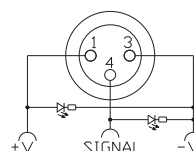
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Housing:	Nylon.
Connectors:	PUR (*picofast*®); nylon or PUR (*eurofast*®); PETP (M16).
Contacts:	Gold plated brass.
Thread Inserts:	Nickel plated brass.
Cable:	See table.
LED Current:	10 mA maximum at 48 VDC supply voltage (per LED).
Temperature:	-30°C to +80°C (-22°F to +176°F).
Protection Class:	IEC IP 67.
Accessories:	KS 5/10 labels, 2 pieces PSG-CC (snap lock) or PSGM-CC (threaded) included.
Cable Length:	Standard length for junction boxes and M16 quick disconnect cordsets is nominal 5 meters. Other lengths available by request. Consult factory.

Dimensions

8-Port with *eurofast* Home Run Connector
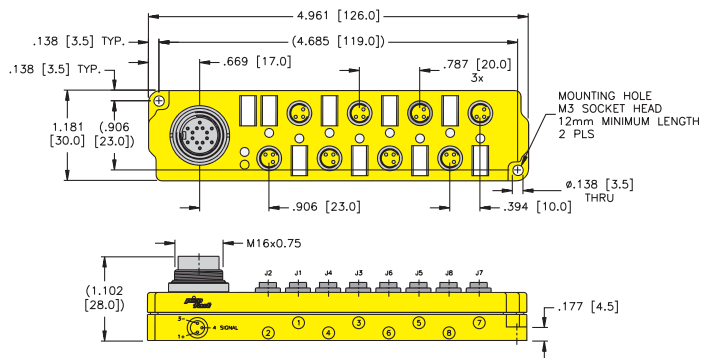
8-Port with Side Integral Home Run Cable
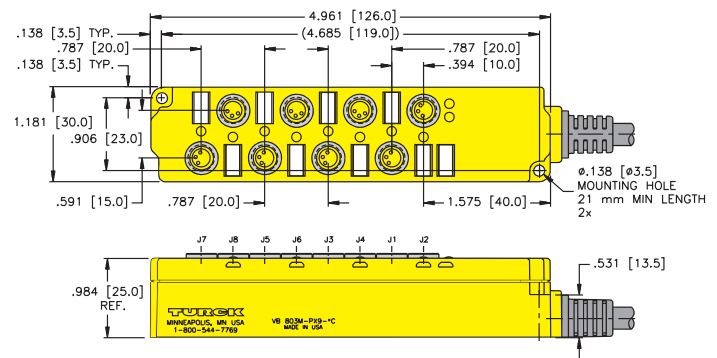
8-Port with Top Integral Home Run Cable

Multibox, picofast
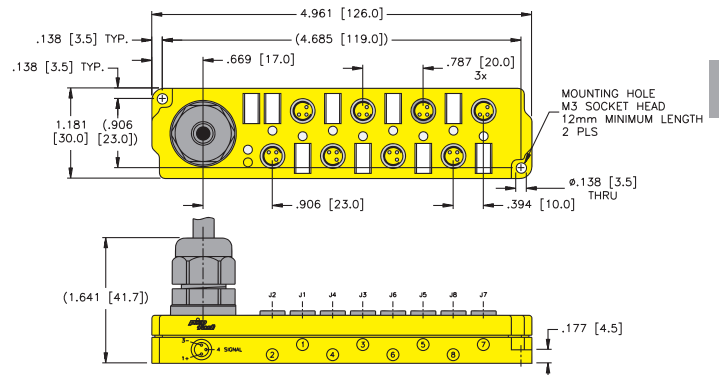
Pinout

Female	Male
3-pin *picofast*	**14-pin *versafast*** ®