

# TURCK

## Process Wiring Products



### multibox® minifast® Metal Junction Boxes

- Consolidation of 2-wire Analog or HART Control Circuits in Hazardous Locations\* or Unclassified Locations



FM approved for installation in hazardous locations when installed per **TURCK** Control Drawing QCF-00147 ([www.turck.com/fmcd](http://www.turck.com/fmcd)) using specified accessory equipment. "/C" versions CSA certified for installation in hazardous locations when installed per **TURCK** Control Drawing Ni-2.404([www.turck.com/fmcd](http://www.turck.com/fmcd)) using certified accessory equipment.

#### 4-port, Common Ground and Shield

Application	Specifications	Pinout				Nickel Plated Brass	Stainless Steel
4-port cast aluminum junction box, <b>minifast</b> port connectors, <b>multifast</b> ® home-run connector, 1 analog signal per port	12-pin <b>multifast</b> connector, 9 conductors plus drain	Port, Pin	Home Run	Port, Pin	Home Run	P-4 RKF 40-CS12	P-4 RKFV 40-CSV12
		Port 1, Pin 1	1	Port 4, Pin 1	7	P-4 RKF 40-CS12/C	P-4 RKFV 40-CSV12/C
Port 1, Pin 2	2	Port 4, Pin 2	8				
Port 2, Pin 1	3	NC	9				
Port 2, Pin 2	4	NC	10				
Port 3, Pin 1	5	Ports 1-4, Pin 3	11				
Port 3, Pin 2	6	Ports 1-4, Pin 4	12				

See pages K85 - K92 for mating home run cordsets.

#### 8-port, Common Ground and Shield

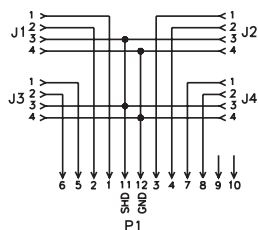
Application	Specifications	Pinout				Nickel Plated Brass	Stainless Steel
8-port cast aluminum junction box, <b>minifast</b> port connectors, <b>multifast</b> home-run connector, 1 analog signal per port	19-pin <b>multifast</b> connector, 17 conductors plus drain	Port, Pin	Home Run	Port, Pin	Home Run	P-8 RKF 40-CS19	P-8 RKFV 40-CSV19
		Port 1, Pin 1	1	Port 5, Pin 1	10	P-8 RKF 40-CS19/C	P-8 RKFV 40-CSV19/C
Port 1, Pin 2	2	Port 5, Pin 2	11				
Port 2, Pin 1	3	Ports 1-8, Pin 4	12				
Port 2, Pin 2	4	Port 6, Pin 1	13				
Port 3, Pin 1	5	Port 6, Pin 2	14				
Ports 1-8, Pin 3	6	Port 7, Pin 1	15				
Port 3, Pin 2	7	Port 7, Pin 2	16	P-8 RKF 40-CS19/C	P-8 RKFV 40-CSV19/C		
Port 4, Pin 1	8	Port 8, Pin 1	17				
Port 4, Pin 2	9	Port 8, Pin 2	18				
		NC	19				

\* Use with **lokfast** LOCK-MINI or LOCK-MINI-FW for port connectors in Class I, Division 2 applications and for mating Home-Run cable use "L" and "T" versions.

See pages K85 - K92 for mating home run cordsets.

## Wiring Diagrams

#### 4-Port Diagram, 1 Analog Signal Per Port



#### 8-Port Diagram, 1 Analog Signal Per Port

