

Your Global Automation Partner

# TURCK

## ATEX & IECEx Approved Minifast HD Connector Offering



### Minifast HD offers the widest range of hazardous location approvals on the market

Turck's Minifast HD cordset offering carries four different hazardous location approvals and is the first of its kind to offer an ATEX and IECEx approved solution in a complete cable assembly package. This creates a global connector solution for hazardous location applications. Additionally, this product offering includes approved mating receptacles, junction boxes, and Lokfast guards. The new offering is an ideal solution for customers in a variety of applications including gas turbines, skids, compressors, and shipboard applications.

While typical ATEX and IECEx connector solutions come as complex and expensive field wireables, the Minifast HD offering

provides the convenience and reliability of a full connector assembly at a much lower cost than current solutions. Additionally, these products utilize our Extremelife-60 cables with FT4 and IEC 60332-3-22 flame compliance to provide the ultimate solution for extreme applications.

The Turck Minifast HD solution carries IECEx Zone 2, ATEX Ex nA category 3, US Zone 2, and US Class I Division 2 approvals. The Minifast HD offering also carries NEMA 1, 3, 4, and 6P and is IEC IP67 and IP68 rated.

### Advantages

- Offers four different hazardous location approvals creating a global connector solution
- ATEX and IECEx approved connector in a complete cable assembly package
- More robust solution than typically available on the market
- Utilizes Extremelife-60 cable for ultimate performance in the most difficult applications
- Ideal solution for applications such as gas turbines, skids, compressors, and shipboards
- Potted full metal body with ability to bond with many different cable types

# Minifast HD

## Product Specifications

- ATEX Ex ec / Ex nA Category 3 approval
- IECEx Ex ec / Ex nA Zone 2 approval
- US AEx nA Zone 2 approval
- US Class I Division 2 approval
- Extremelife-60 cables with FT4 and IEC 60332-3-22 flame compliance
- 316 stainless steel body and coupling nut
- NEMA 1, 3, 4, and 6P and IEC IP67 and IP68 rated

## Standard Offering

Pin Count	Cable Construction	Cable Jacket Color	Gender	Part Number	Pinout
3-pin	1 STP (18 AWG), 1 GND (18 AWG), Drain (20 AWG)	Black	Female	P-X-RKVZ 30-1188XL-*M	1. BU 2. BN 3. Drain
			Male	P-X-RSVZ 30-1188XL-*M	
			Male to Female	P-X-RSVZ RKVZ 30-1188XL-*M	
3-pin	1 STP (18 AWG), 1 GND (18 AWG), Drain (20 AWG)	Black	Female	P-X-RKVZ 31-1188XL-*M	1. BU 2. BN 3. GN/YE
			Male	P-X-RSVZ 31-1188XL-*M	
			Male to Female	P-X-RSVZ RKVZ 31-1188XL-*M	
4-pin	1 STP (18 AWG), 1 GND (18 AWG), Drain (20 AWG)	Black	Female	P-X-RKVZ 40-1188XL-*M	1. BU 2. BN 3. Drain 4. GN/YE
			Male	P-X-RSVZ 40-1188XL-*M	
			Male to Female	P-X-RSVZ RKVZ 40-1188XL-*M	
5-pin	5x18 AWG	Black	Female	P-X-RKVZ 52-2314XL-*M	1. BK 2. WH 3. GY 4. BN 5. BU
			Male	P-X-RSVZ 52-2314XL-*M	
			Male to Female	P-X-RSVZ RKVZ 52-2314XL-*M	
5-pin	5x18 AWG	Black	Female	P-X-RKVZ 561-2176XL-*M	1. BU 2. BN 3. GN/YE 4. WH 5. BK
			Male	P-X-RSVZ 561-2176XL-*M	
			Male to Female	P-X-RSVZ RKVZ 561-2176XL-*M	
6-pin	2 STP (18 AWG), 1 GND (18 AWG), Drain (20 AWG)	Black	Female	P-X-RKVZ 66-2176XL-*M	1. BU 2. BN 3. GN/YE 4. WH 5. BK 6. Drain
			Male	P-X-RSVZ 66-2176XL-*M	
			Male to Female	P-X-RSVZ RKVZ 66-2176XL-*M	
10-pin	4 STP (18 AWG), 1 GND (18 AWG), Drain (20 AWG)	Black	Female	P-X-RKVZ 101-1189XL-*M	1. WH/BK 2. BK/WH 3. WH/GN 4. GN/WH 5. WH/RD 6. RD/WH 7. Drain 8. GN/YE 9. WH/OR 10. OR/WH
			Male	P-X-RSVZ 101-1189XL-*M	
			Male to Female	P-X-RSVZ RKVZ 101-1189XL-*M	
19-pin	8 STP (22 AWG), 1 GND (18 AWG), Drain (22 AWG)	Black	Female	P-X-RKVZ 190-1484XL-*M	1. WH/BK 2. BK/WH 3. WH/GN 4. GN/WH 5. Drain 6. WH/RD 7. N/C 8. RD/WH 9. WH/OR 10. OR/WH 11. WH/BU 12. GN/YE 13. BU/WH 14. WH/BN 15. BN/WH 16. WH/YE 17. YE/WH 18. WH/VO 19. VO/WH
			Male	P-X-RSVZ 190-1484XL-*M	
			Male to Female	P-X-RSVZ RKVZ 190-1484XL-*M	