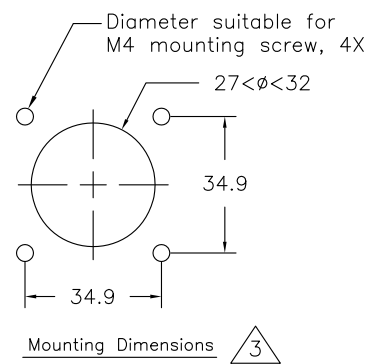
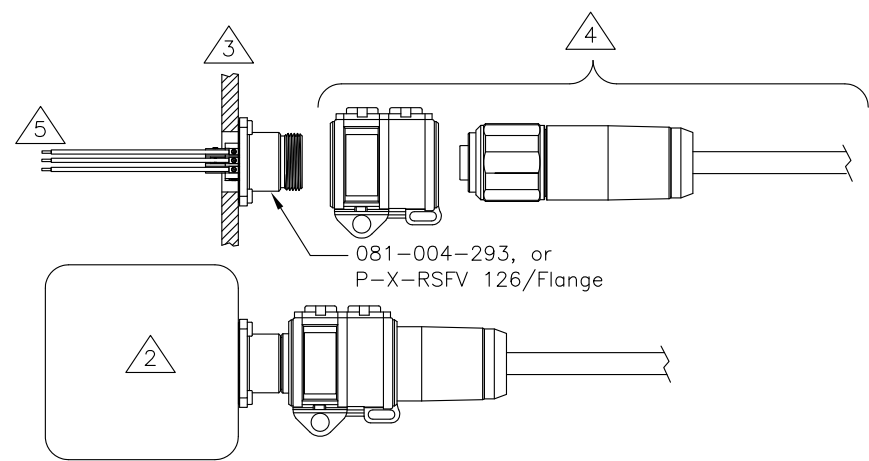
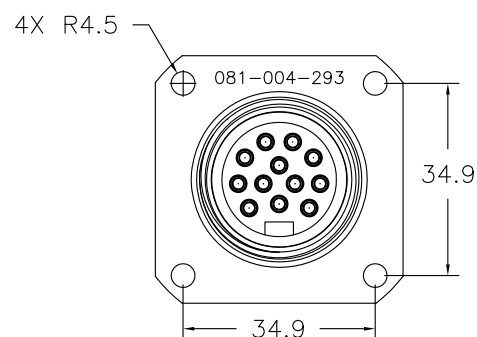
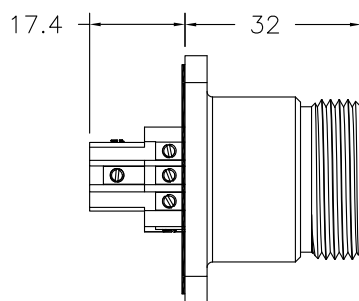
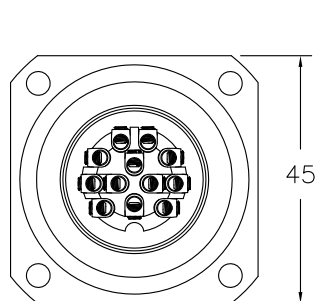
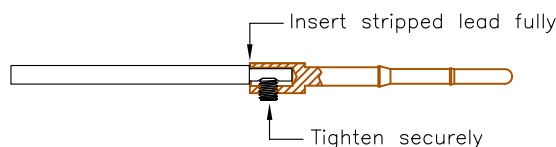
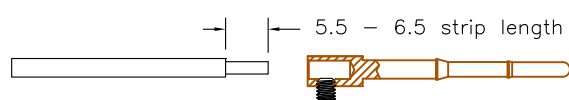


Hazardous Location 
Category 3, Group IIC; or
Zone 2, Group IIC; or
Class I, Zone 2, Group IIC; or
Class I, Division 2, Group A, B, C or D



- Notes:
-  1. The receptacles are suitable for fixed installations in:
- Category 3 when installed in accordance with EN 60079-14 "Explosive Atmospheres – Part 13: electrical installations design, selection and erection", this control drawing, and the manufacturer's instructions for the equipment  into which they are mounted.
 - Zone 2 when installed in accordance with IEC 60079-14 Explosive Atmospheres – Part 14: electrical installation design, selection and erection", this control drawing, and the manufacturer's instructions for the equipment  into which they are mounted.
 - Class I, Division 2 or Class I, Zone 2 when installed in accordance with the US National Electrical Code (NEC) ANSI/NFPA 70, this control drawing, and the manufacturer's instructions for the equipment  into which they are mounted.
-  2. The equipment into which the receptacles are mounted must be certified for the location  in which it will be installed.
-  3. The receptacles must be installed on a smooth, flat surface with the mounting dimensions as shown. The mounting surface of the equipment in which the receptacle is installed must have sufficient thickness such that the four mounting holes may be blind holes.
-  4. The mating connectors must be Turck minifast HD connectors certified per FM15ATEX0066X, IECEx FMG 16.0032X, and/or FM16US0108X as appropriate to the area classification. Installation requirements for those may be found on Turck Control Drawing NI-2.420.
-  5. The receptacles are designed for field installation of the leadwires. The wires must be stripped to a length of 5.5 – 6.5 mm, then fully inserted into the contact taking care not to leave any protruding strands of wire. The set screw must then be tightened securely. The permitted conductor size range is 22 AWG (0.32 mm²) to 14 AWG (2.1 mm²).



SPECIFICATIONS	
FLANGE MATERIAL/FINISH	316 STAINLESS STEEL/PASSIVATED
GASKET MATERIAL	BUNA-N
RATED CURRENT (per conductor)	1.0 A
RATED VOLTAGE	50 V
TERMINATION TYPE	SCREW TERMINALS
CONDUCTOR SIZE	22 AWG (0.32 mm ²) – 14 AWG (2.1 mm ²)
TEMPERATURE RATING	–40°C to +90°C (–40°F to +194°F)

Drawing No.: NI-2.425	TURCK 3000 Campus Drive Plymouth, MN 55441 Phone: (763) 553-7300
Title: Installation of Turck Field Wireable Front Panel Mount Receptacles	
Scale: NONE	Sheet 1 of 1

A	Release	BVL	11/7/18
Rev	Description	Drft	Date