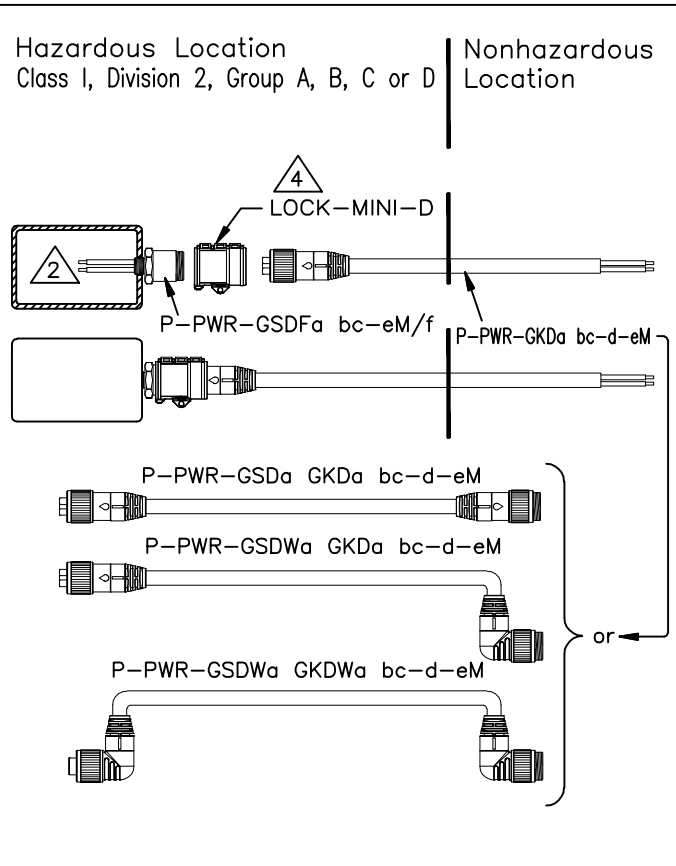
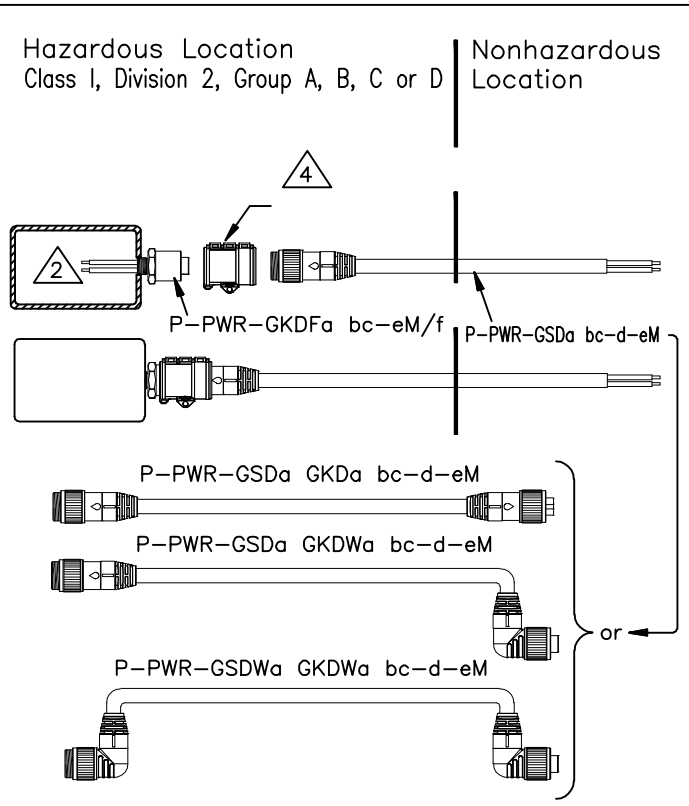




Notes:

1. The installation must be in accordance with the National Electrical Code (NEC) and this control drawing. Cable runs must be installed per the NEC requirements for TC–ER cable. Unmolded cable ends must be installed using terminating fittings approved for the location.

2. Field device must be certified for installation in the appropriate Class I, Division 2 hazardous location.

3. Model number key:
   - a = Material Code A, M or V
   - b = Number/AWG of conductors 30, 32, 34, 40, 42, or 44
   - c = Pinout/color code 1, 2, 3, 4, 5, 6, 7, 8, 9 or blank
   - d = 4–digit TC–ER cable number
   - e = cable or lead length in meters
   - f = Entry thread /14.5/NPT or /14.75/NPT

4. ***lokfast®*** guards on quick–disconnects require a tool to disconnect, rendering the connection not normally arcing.

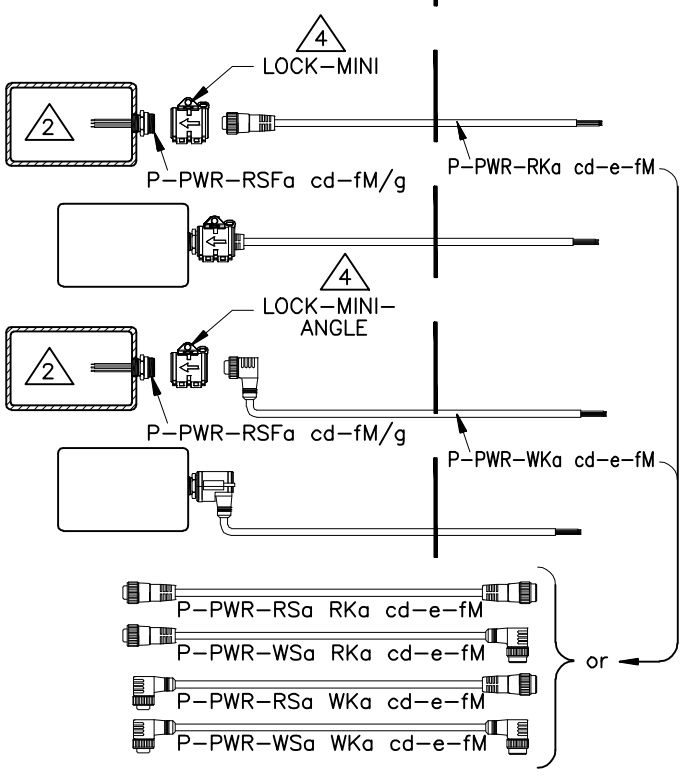
5. The molded construction of the cordset and the gas/vaportight continuous sheath of the cable meet the requirements of the NEC for cable seals in Class I, Division 2.

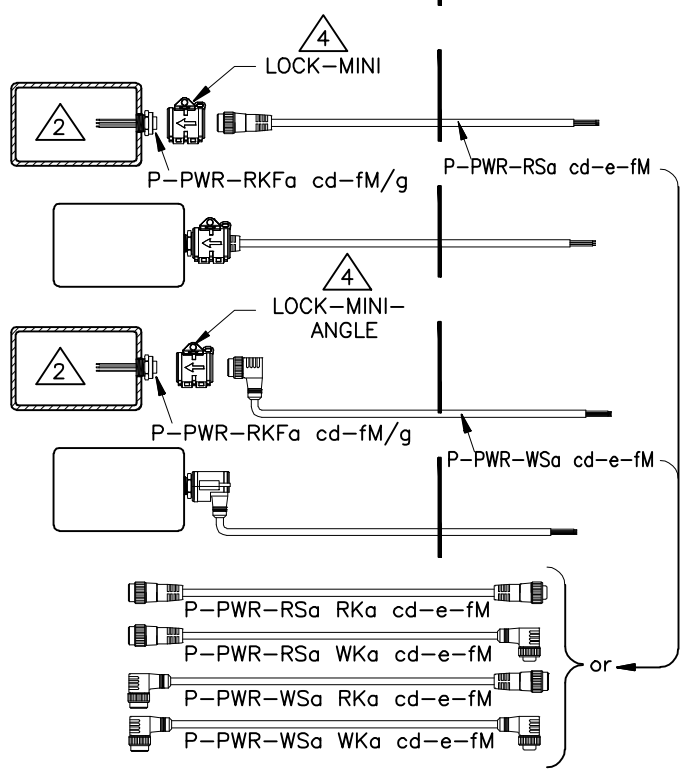
6. D–size ***minifast®*** (P–PWR–GS... or P–PWR–GK...) cord and receptacle ratings:

Contact and Conductor Size	W/3 Conductors (b = 3x)	W/4 Conductors (b = 4x)
10 AWG (b = x0)	600V, 30A	600V, 25A
12 AWG (b = x2)	600V, 25A	600V, 20A
14 AWG (b = x4)	600V, 18A	600V, 15A

Rev	Description	Drft	Date
A	Release	BVL	5/1/12

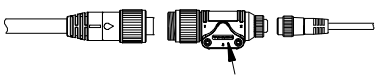
Drawing No.: NI–2.416	TURCK 3000 Campus Drive Plymouth, MN 55441 Phone: (763) 553–7300
Title: Installation of FM Approved Turck Process Wiring System	
Scale: NONE	Sheet 1 of 3





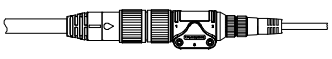
Hazardous Location
Class I, Division 2, Group A, B, C, or D

FM Approved Reducer and cordsets 3



P–PWR–GSDMb RKa cd–0
D–size to A–size reducer

Connect approved cordsets while circuits are de–energized



Install lokfast® guards on all quick–disconnects before circuits are energized 4

LOCK–D POWER LOCK–MINI–TEE

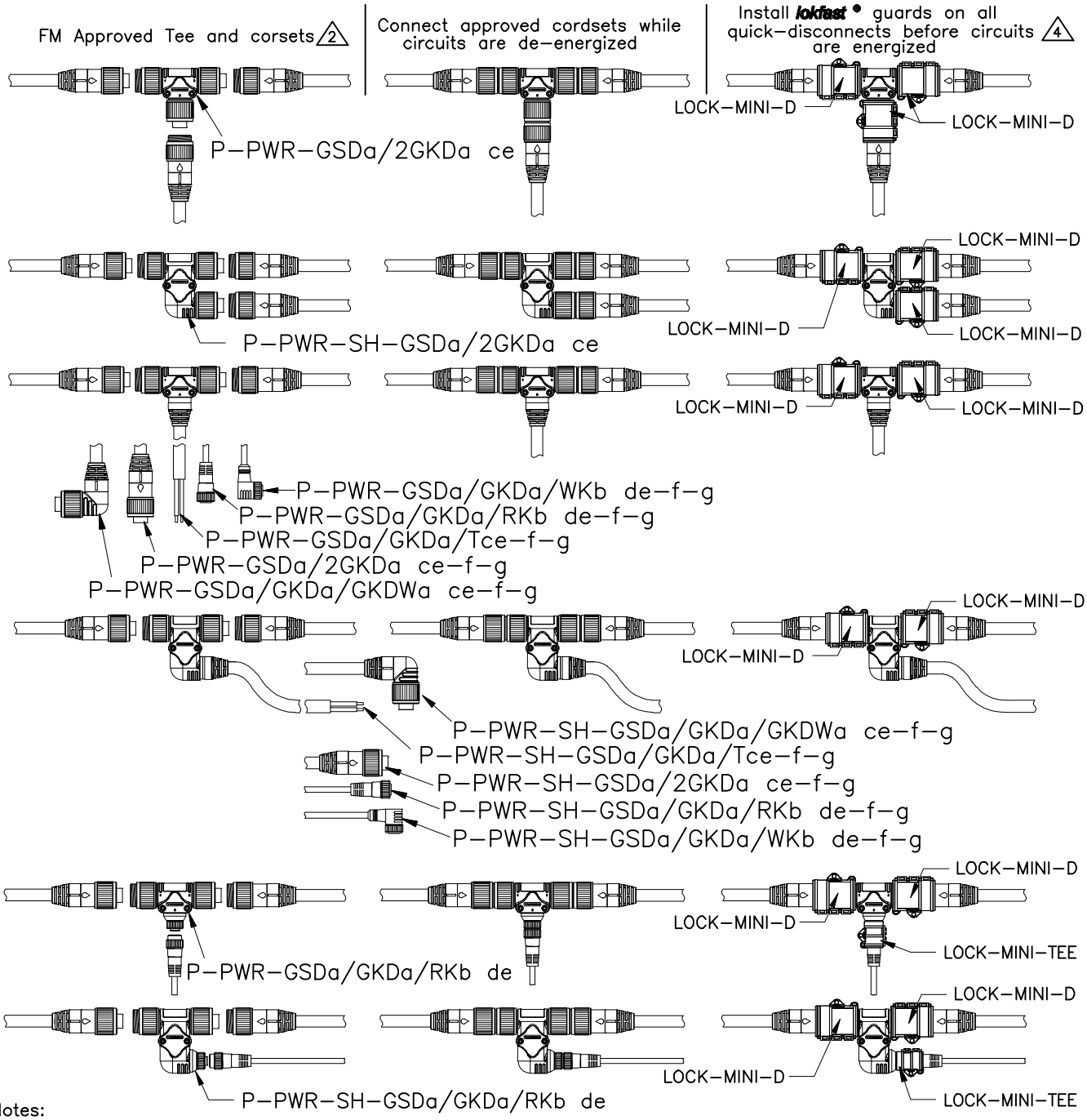
Notes:

1. The installation must be in accordance with the National Electrical Code (NEC) and this control drawing. Cable runs must be installed per the NEC requirements for TC–ER cable. Unmolded cable ends must be installed using terminating fittings approved for the location.
2. Field device must be certified for installation in the appropriate Class I, Division 2 hazardous location.
3. Approved cords and receptacles identified and installed per Sheets 1 and 2.
3. Model number key:
   - a = Material code M or V
   - b = Material code A, M or V
   - c = Number/AWG of conductors 34 or 44
   - d = Pinout/color code 1, 2, 3, 4, 5, 6, 7, 8, 9 or blank
   - e = 4–digit cable number
   - f = cable length in meters
   - g = /14.5/NPT or /14.75/NPT
4. lokfast® guards on quick–disconnects require a tool to disconnect, rendering the connection not normally arcing.
5. The molded construction of the cordset and the gas/vaportight continuous sheath of the cable meet the requirements of the NEC for cable seals in Class I, Division 2.
6. A–size power minifast® (P–PWR–RS... or P–PWR–RK...) cord, receptacle and reducer ratings: 600V, 15A

A	Release	BVL	5/1/12	Drawing No.: NI–2.416	
Rev	Description	Drft	Date	Scale: NONE	Sheet 2 of 3

Hazardous Location

Class I, Division 2, Group A, B, C or D



Notes:

1. The installation must be in accordance with the National Electrical Code (NEC) and this control drawing.
2. Approved cords and receptacles identified and installed per Sheets 1 and 2.
3. Model number key:
   - a = Material code A, M or V
   - b = Material code M or V
   - c = Conductor #/AWG 30, 32, 34, 40, 42, or 44
   - d = Conductor #/AWG 34 or 44
   - e = Pinout/color code 1, 2, 3, 4, 5, 6, 7, 8, 9 or blank
   - f = 4-digit TC-ER cable number
   - g = cable length in meters
4. lokfast® guards on quick-disconnects require a tool to disconnect, rendering the connection not normally arcing.
5. Ratings:

Contact/Conductor Size	W/3 Conductors (c, d or e = 3x)	W/4 Conductors (c, d or e = 4x)
10 AWG (c = x0, e = x0)	600V, 30A	600V, 25A
12 AWG (e = x2)	600V, 25A	600V, 20A
14 AWG (e = x4)	600V, 18A	600V, 15A
14 AWG (d = x4)	600V, 15A	

Rev	Description	Drft	Date		
A	Release	BVL	5/1/12	Drawing No.: NI-2.416	
				Scale: NONE	Sheet 3 of 3