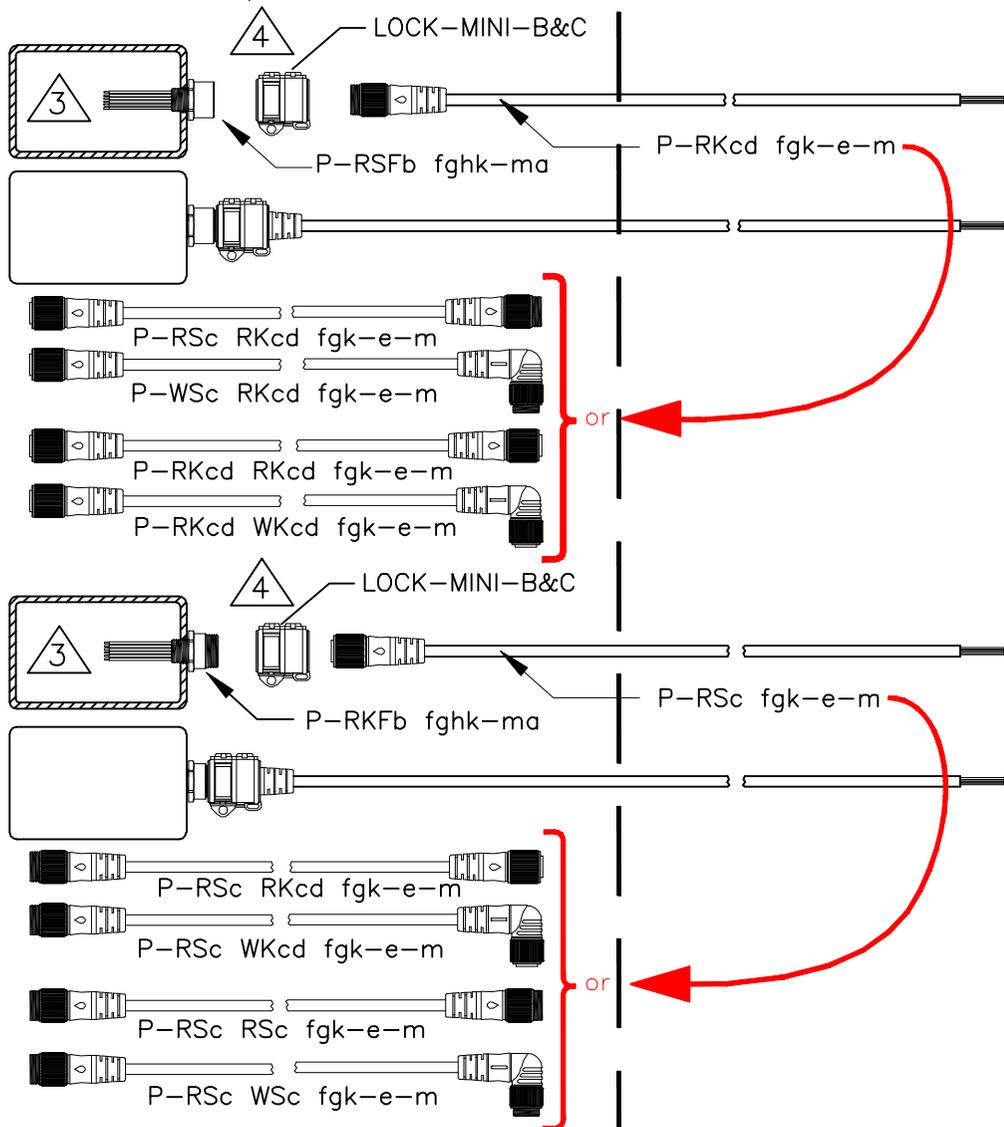


# FM Approved B- and C-Size minifast Interconnects



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

Nonhazardous  
Location



Notes:

- The installation must be in accordance with the National Electrical Code (NEC), ANSI/NFPA 70. All approved cables have ITC rating. Specific requirements for the installation of ITC cable may be found in Article 727.
- The minimum conductor size is 22 AWG. The maximum electrical ratings for installation as ITC cable is 150 V/5 A except for 22 AWG conductors which have maximum rating of 150 V/3A.
- Nonincendive equipment, FM approved for installation in Class I, division 2.
- lockfast** guards on quick-disconnects require a tool to disconnect, rendering the connection not normally arcing.
- 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.
- Model number key:

- a = /14.5/NPT, /14.75/NPT, or blank
- b = V or blank
- c = M or V
- d = S or blank
- e = cable type (3- or 4-digit number)
- f = 7, 8, 9, 10, 12 or 19
- g = 0, 1, 2, 3, . . . , 99
- h = D or blank
- k = H or blank
- m = cable or lead length in meters

Drawing No.:  
NI-2.407

**TURCK**  
3000 Campus Drive  
Plymouth, MN 55441  
Phone: (763) 553-7300

Title: Control Drawing for FM Approved  
B- and C-Size minifast interconnects

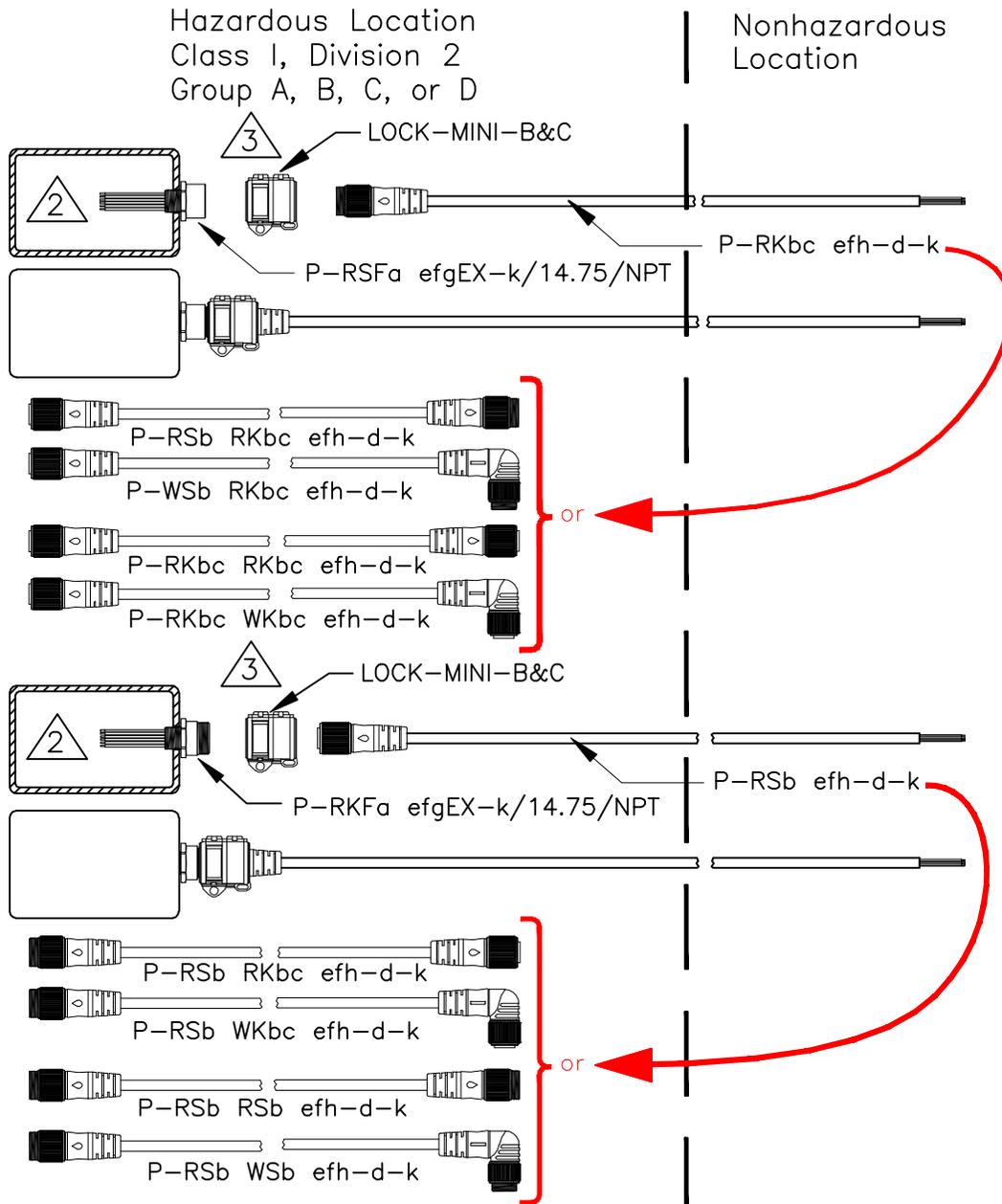
Rev	Description	Drft	Date
C	Add 19-cond. models., 'S' and 'H' options	BVL	6/30/10
B	Add Ex Models, Sheets 2 and 3	BVL	6/26/09
A	Release	BVL	9/18/06

Scale: None

Sheet: 1 of 3

# FM Approved B- and C-Size minifast Interconnects

Explosionproof feed-thru receptacles with intrinsically safe circuits



**Notes:**

1. The installation must be in accordance with the National Electrical Code (NEC), ANSI/NFPA 70. All approved cables have ITC rating. Specific requirements for the installation of ITC cable may be found in Article 727.

2. Nonincendive equipment, FM approved for installation in Class I, division 2; or FM approved explosionproof equipment installed in Division 2.

3. **lokfast** guards on quick-disconnects require a tool to disconnect, rendering the connection not normally arcing.

4. 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.

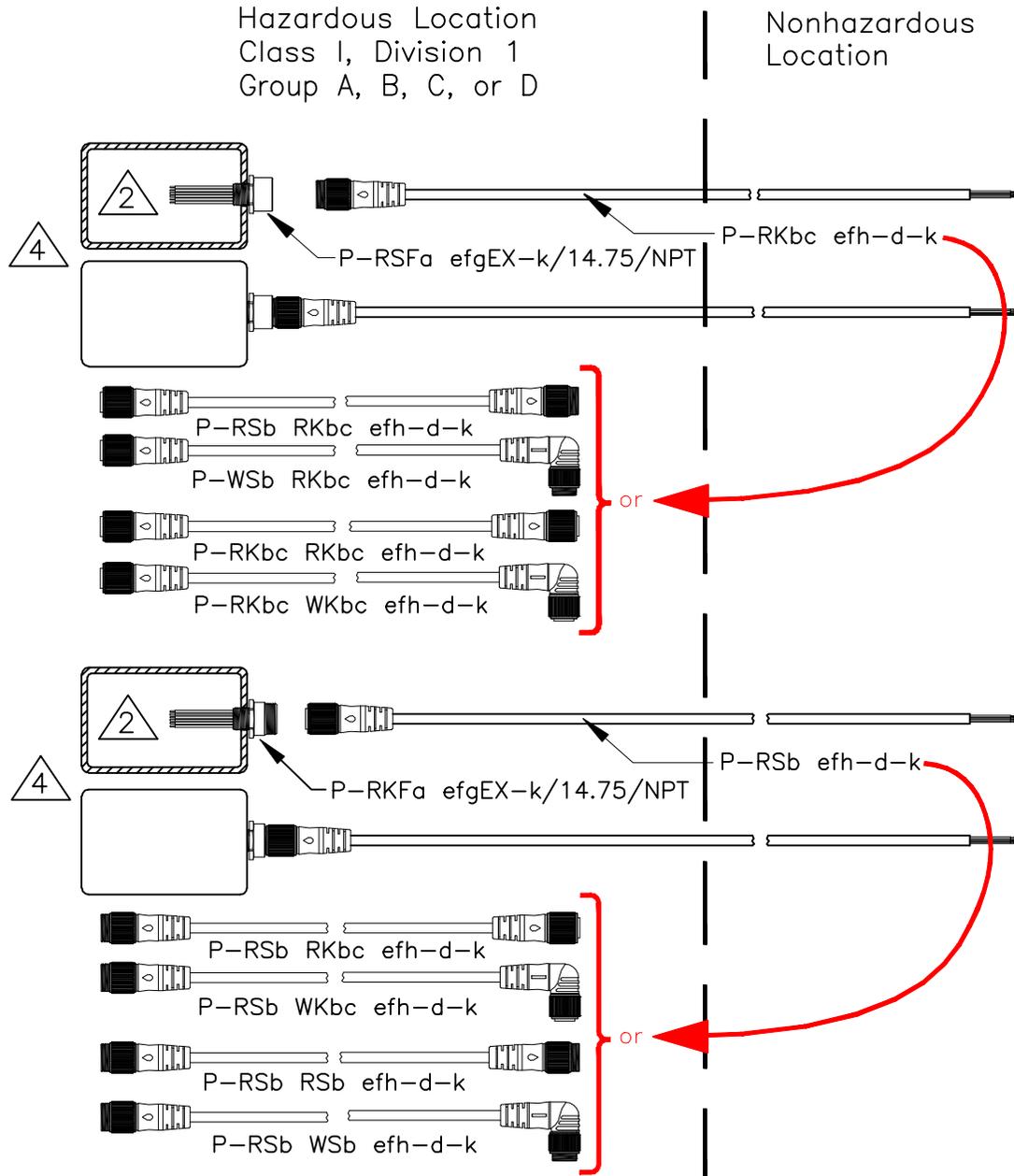
5. Model number key:

- |                                       |                                    |
|---------------------------------------|------------------------------------|
| a = V or blank                        | f = 0, 1, 2, 3, . . . , 99         |
| b = M or V                            | g = D or blank                     |
| c = S or blank                        | h = H or blank                     |
| d = cable type (3- or 4-digit number) | k = cable or lead length in meters |
| e = 7, 8, 9, 10, 12 or 19             |                                    |

C	Add 19-cond. models., 'S' and 'H' options	BVL	6/30/10	Drawing No.:	NI-2,407
Rev	Description	Drft	Date	Scale: NONE	Sheet 2 of 3

# FM Approved B- and C-Size minifast Interconnects

Explosionproof feed-thru receptacles with intrinsically safe circuits



**Notes:**

- The installation must be in accordance with the National Electrical Code (NEC), ANSI/NFPA 70 and the control drawing of the FM approved equipment.
- FM approved explosionproof equipment with an FM approved intrinsically safe circuit.
- The P-RSFa-defEX-g/14.75/NPT or P-RKFa-defEX-g/14.75/NPT receptacle maintains the explosionproof protection of the FM approved equipment. The circuit must be intrinsically safe for the specific area classification.
- Nonintrinsically safe circuits must be installed using Class I, Division 1 wiring methods.
- 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, Divisions 1 and 2.
- Model number key:
 

a = V or blank	f = 0, 1, 2, 3, . . . , 99
b = M or V	g = D or blank
c = S or blank	h = H or blank
d = cable type (3- or 4-digit number)	k = cable or lead length in meters
e = 7, 8, 9, 10, 12 or 19	

C	Add 19-cond. models., 'S' and 'H' options	BVL	6/30/10	Drawing No.:	NI-2,407
Rev	Description	Drft	Date	Scale: NONE	Sheet 3 of 3