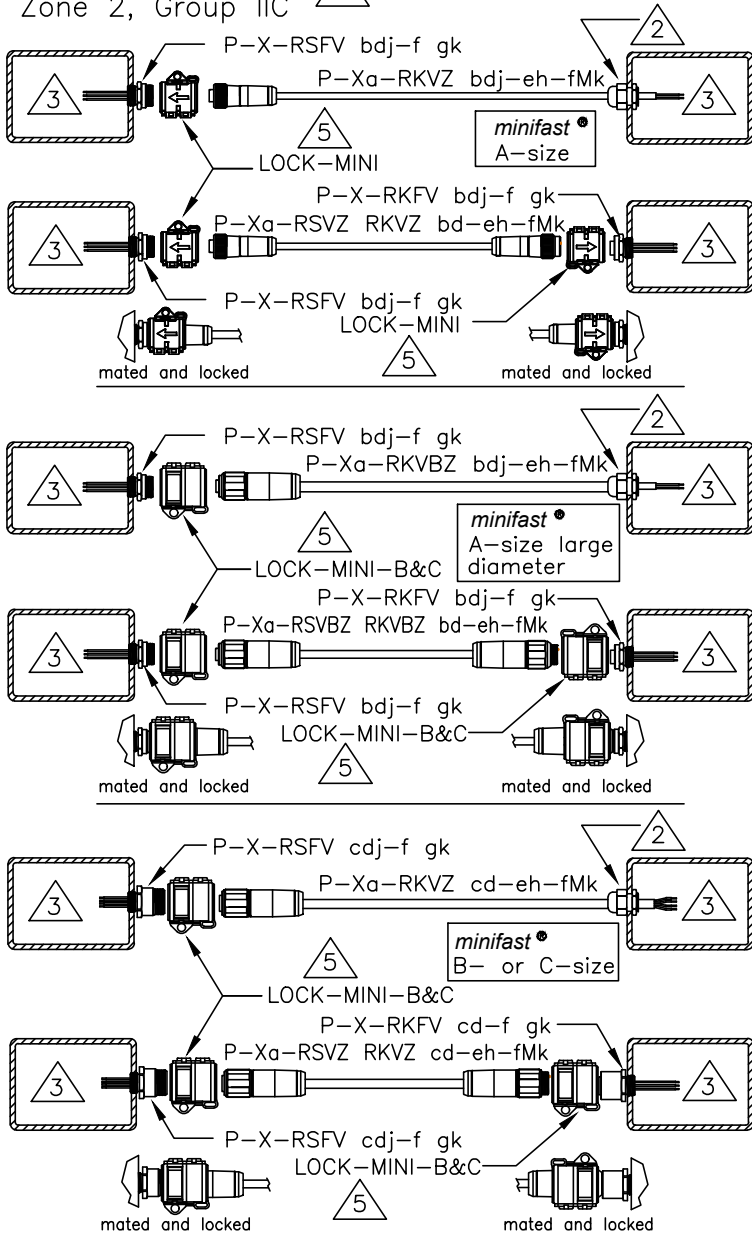
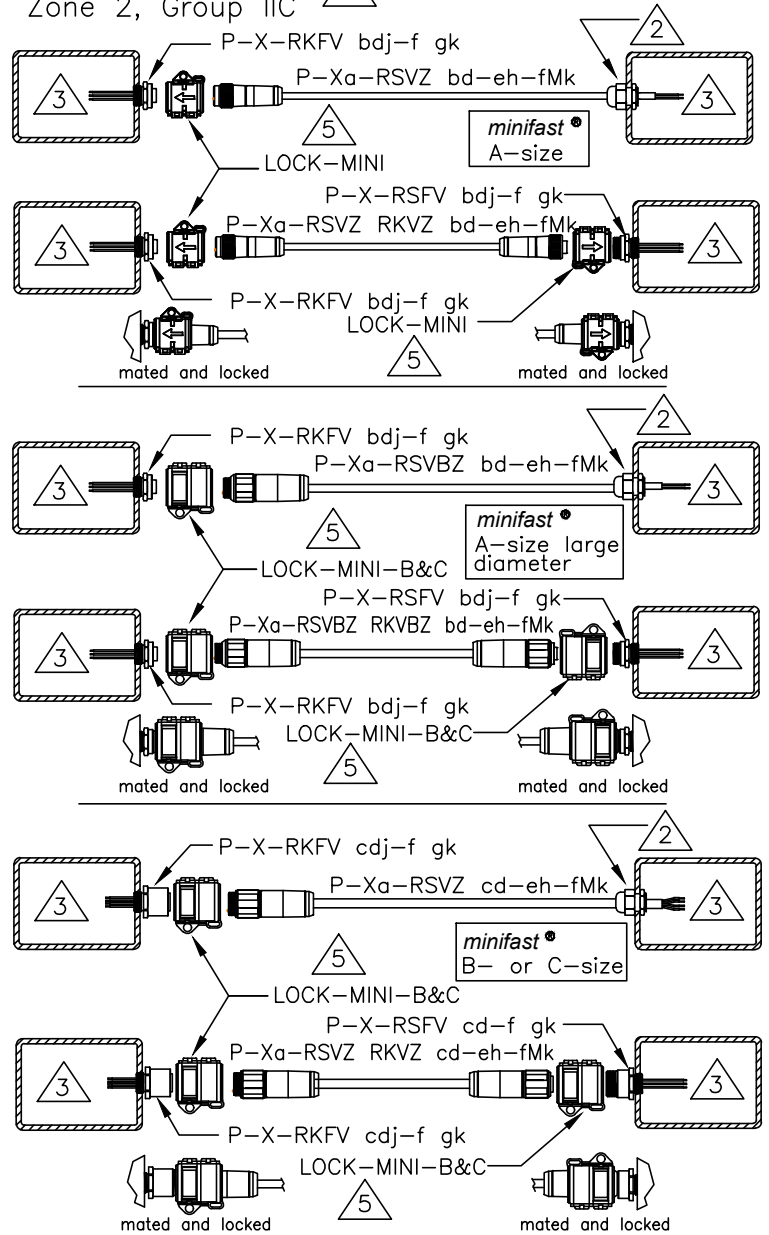


Hazardous Location  
 Category 3, Group IIC, or  
 Zone 2, Group IIC 1



Hazardous Location  
 Category 3, Group IIC, or  
 Zone 2, Group IIC 1



Notes:

1. The equipment is suitable for fixed installations in Category 3 when installed in accordance with EN 60079-14 "Explosive Atmospheres - Part 14: electrical installations design, selection and erection" and this control drawing, or in Zone 2 when installed in accordance with IEC 60079-14 "Explosive Atmospheres - Part 14: electrical installation design, selection and erection and this control drawing.
2. Unmolded cable ends must be installed using terminating fittings approved for the appropriate Category 3 or Zone 2 hazardous location and suitable for the field device or enclosure.
3. Field device or enclosure approved for installation in the appropriate Category 3 or Zone 2 hazardous location.
4. Model number key:
 

a = certification code 1 or blank	f = cable or lead length in meters
b = number of conductors, 2 through 6	g = Entry thread /14.5/NPT, /14.75/NPT, M20, or /M20/S3526
c = number of conductors, 7, 8, 9, 10, 12 or 19	h = Cable Option XL or blank
d = Pinout code 0-9, 00-09, 10-99	j = shield connected, D or blank
e = 3- or 4-digit cable type	k = Option /S1331, /S1599, /S3399, /S3400, or blank
5. *lokfast*® guards on quick-disconnects require a tool to disconnect, rendering the connection not normally arcing. All connectors in the hazardous location must be secured using the appropriate *lokfast*® guard. Use LOCK-MINI or LOCK-MINI-SST for A-size *minifast*® connectors, and LOCK-MINI-B&C for A-size large diameter, B-size *minifast*® connectors.  
**WARNING: Potential electrostatic charging hazard.**  
 Clean LOCK-MINI and LOCK-MINI-B&C only with a damp cloth.
6. Cables meet the requirements of IEC 60332-1-2 or IEC 60332-3-22 for resistance to flame propagation.
7. See Sheet 8 for approved ambient temperature, supply voltage, and conditions of use.

Drawing No.:  
 NI-2.422


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

E	Add eb protection scheme 2-4 pin A size	BVL	TKM	10/5/21
D	Chg std M20 thread length, add S3526	BVL	TKM	11/13/18
C	Add sheet 6, add D code, add S numbers	BVL	TKM	5/22/17
Rev	Description	Drft	Chk	Date


Title: FM Control Drawing for ATEX EX nA and US AEx nA, eb Cords, Receptacles, and Junctions

Scale: NONE

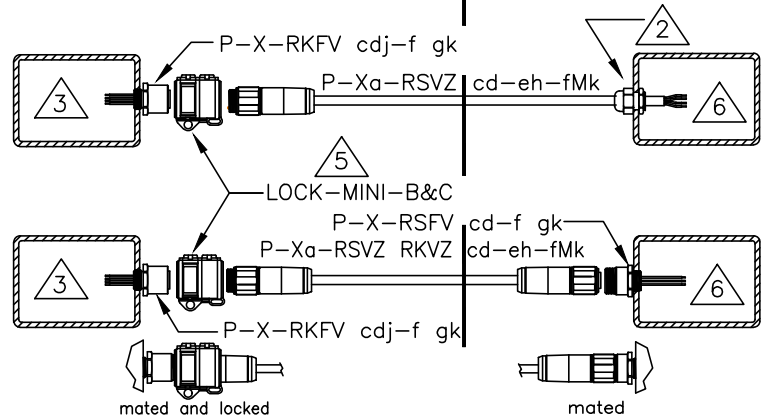
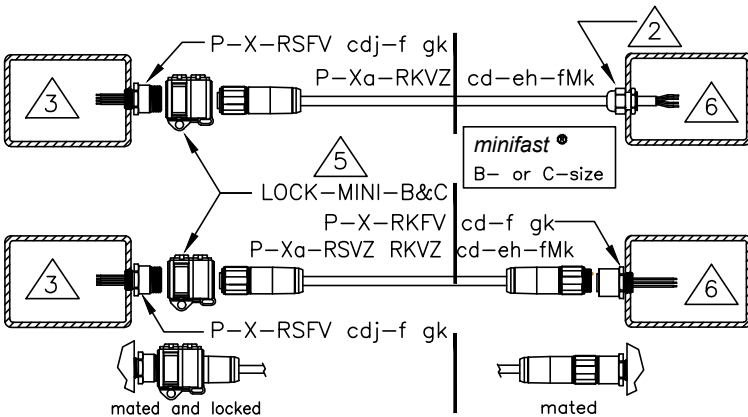
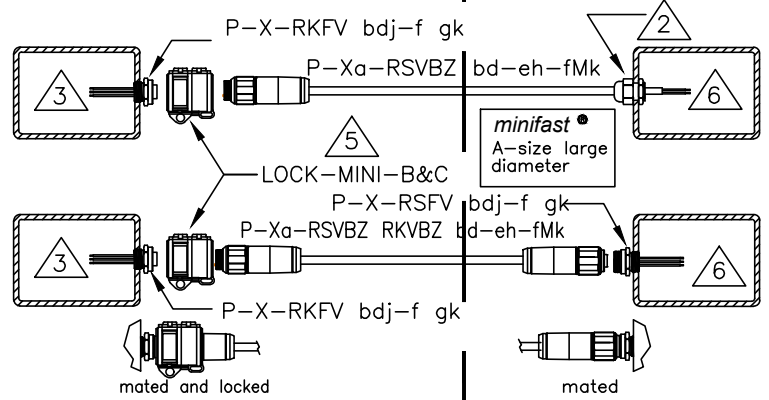
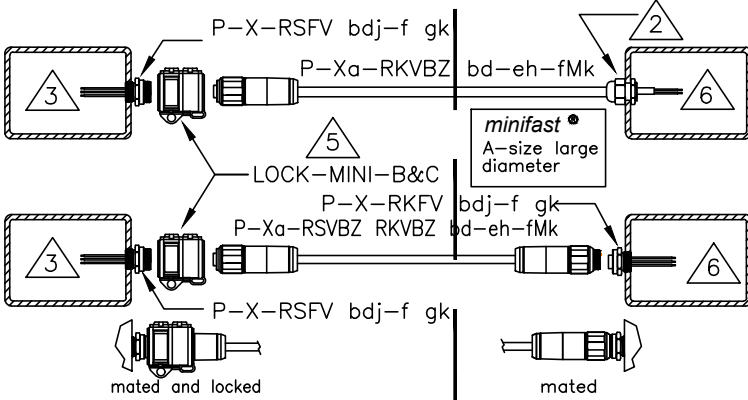
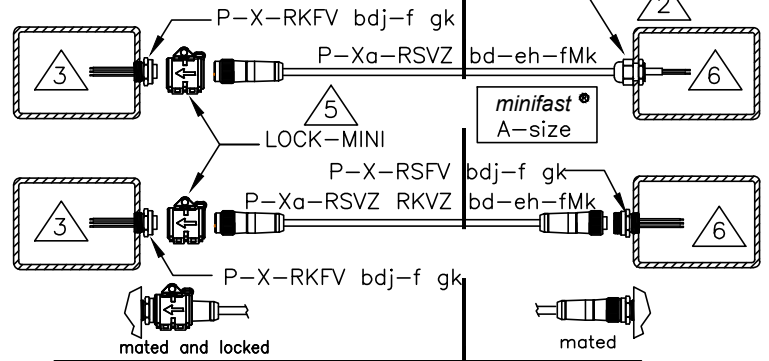
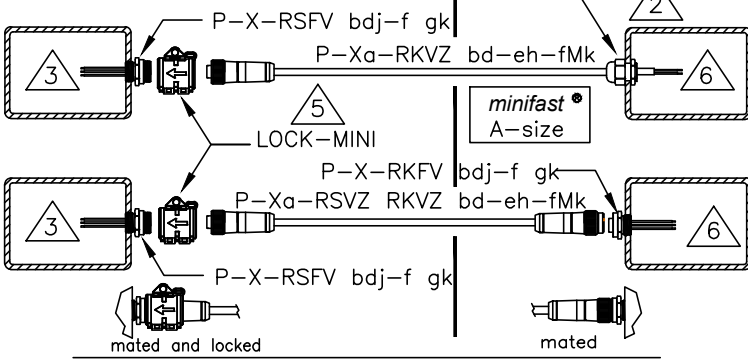
Sheet 1 of 8

Hazardous Location  
Category 3, Group IIC, or  
Zone 2, Group IIC 




Nonhazardous  
Location



Hazardous Location  
Category 3, Group IIC, or  
Zone 2, Group IIC 

Nonhazardous  
Location



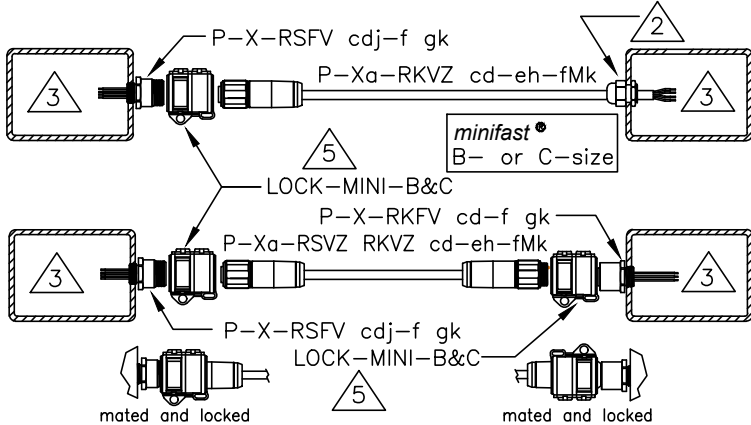
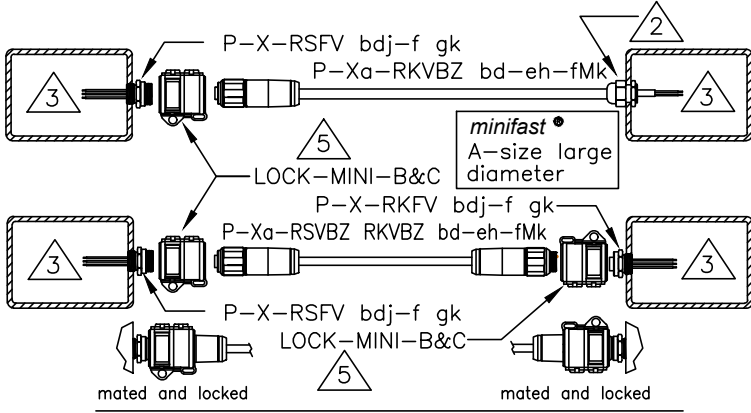
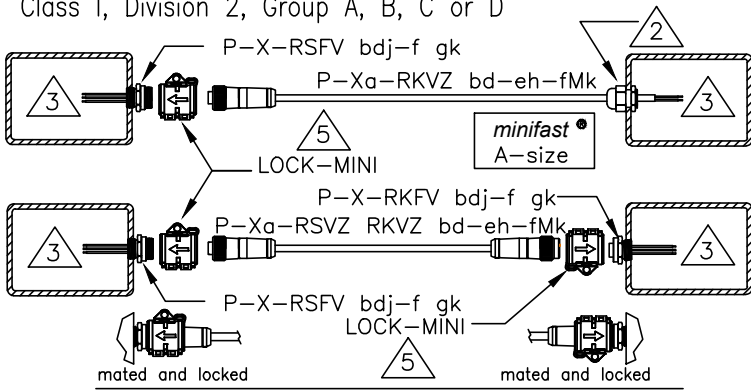
Notes:

-  The equipment is suitable for fixed installations in Category 3 when installed in accordance with EN 60079-14 "Explosive Atmospheres - Part 14: electrical installations design, selection and erection" and this control drawing, or in Zone 2 when installed in accordance with IEC 60079-14 "Explosive Atmospheres - Part 14: electrical installation design, selection and erection and this control drawing.
-  Unmated cable ends must be installed using terminating fittings approved for the appropriate Category 3 or Zone 2 hazardous location and suitable for the field device or enclosure.
-  Field device or enclosure approved for installation in the appropriate Category 3 or Zone 2 hazardous location.
4. Model number key:
 

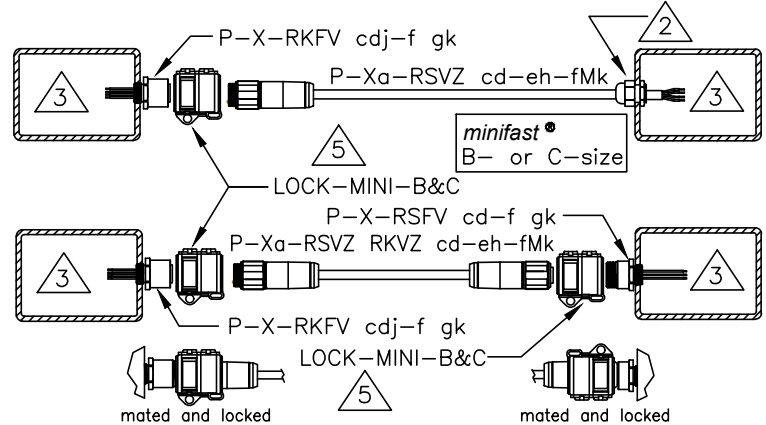
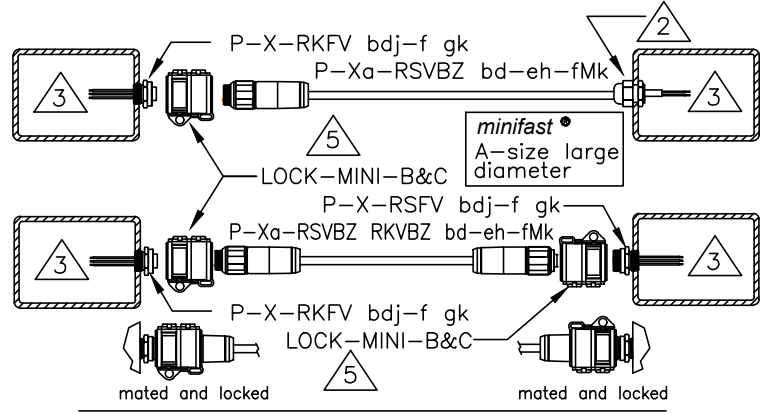
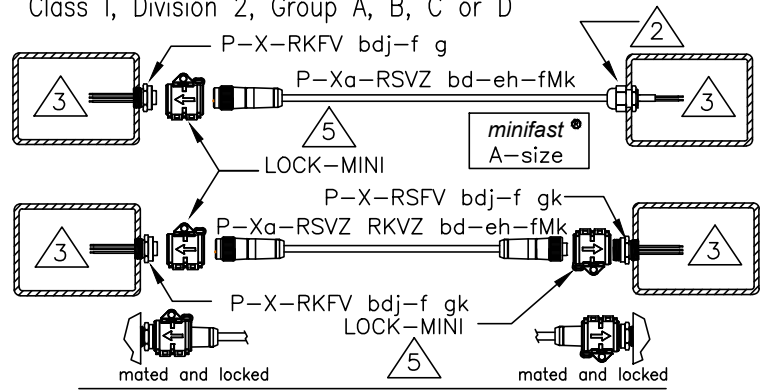
a = certification code 1 or blank	f = cable or lead length in meters
b = number of conductors, 2 through 6	g = Entry thread /14.5/NPT, /14.75/NPT, M20, or /M20/S3526
c = number of conductors, 7, 8, 9, 10, 12 or 19	h = Cable Option XL or blank
d = Pinout code 0-9, 00-09, 10-99	j = shield connected, D or blank
e = 3- or 4-digit cable type	k = Option S1331, S1599, S3399, S3400, or blank
-  *lokfast*® guards on quick-disconnects require a tool to disconnect, rendering the connection not normally arcing. All connectors in the hazardous location must be secured using the appropriate *lokfast*® guard. Use LOCK-MINI or LOCK-MINI-SST for A-size connectors, and LOCK-MINI-B&C for A-size large diameter, B-size *minifast*® connectors.  
WARNING: Potential electrostatic charging hazard. Clean LOCK-MINI and LOCK-MINI-B&C only with a damp cloth.
-  Control equipment may be suitable for ordinary (nonhazardous) locations.
7. Cables meet the requirements of IEC 60332-1-2 or IEC 60332-3-22 for resistance to flame propagation.
8. See Sheet 8 for approved ambient temperature, supply voltage, and conditions of use.

E	Add eb protection scheme 2-4 pin A size	TKM	TKM	10/5/21	Drawing No.: NI-2.422
Rev	Description	Drft	Chk	Date	Scale: NONE
					Sheet 2 of 8

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



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



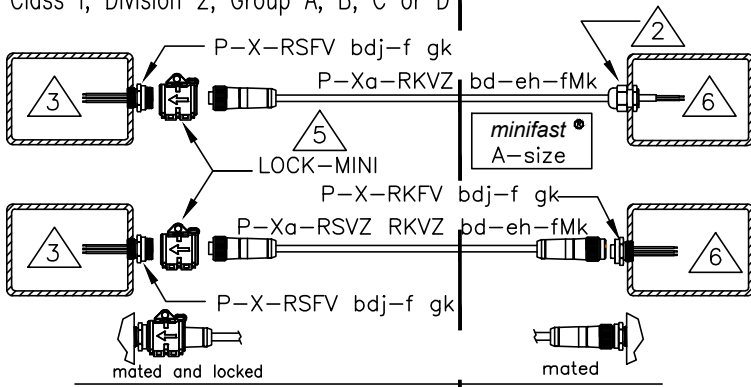
Notes:

- The installation must be in accordance with the National Electrical Code (NEC), ANSI/NFPA 70.
- Unmolded cable ends must be installed using terminating fittings approved for the appropriate Class I, Zone 2 or Class I, Division 2 hazardous location and suitable for the field device or enclosure and the type of cable.
- Field device or enclosure approved for installation in the appropriate Class I, Zone 2 or Class I, Division 2 hazardous location.
- Model number key:
 

a = certification code 2 or blank b = number of conductors, 2 through 6 c = number of conductors, 7, 8, 9, 10, 12 or 19 d = Pinout code 0-9, 00-09, 10-99 e = 3- or 4-digit cable type	f = cable or lead length in meters g = Entry thread /14.5/NPT, /14.75/NPT, M20, or /M20/S3526 h = Cable Option XL or blank j = shield connected, D or blank k = Option S1331, S1599, S3399, S3400, or blank
--	---
- lokfast® guards on quick-disconnects require a tool to disconnect, rendering the connection not normally arcing. All connectors in the hazardous location must be secured using the appropriate lokfast® guard. Use LOCK-MINI or LOCK-MINI-SST for A-size minifast® connectors, and LOCK-MINI-B&C for A-size large diameter, B-size and C-size minifast® connectors.  
 WARNING: Potential electrostatic charging hazard. Clean LOCK-MINI and LOCK-MINI-B&C only with a damp cloth.
- Cables have TC-ER, ITC-ER or PLTC-ER rating.
- See Sheet 8 for approved ambient temperature, supply voltage, and conditions of use.

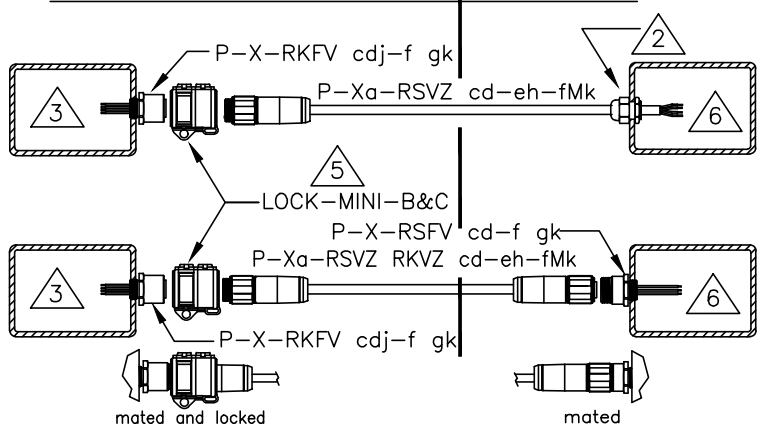
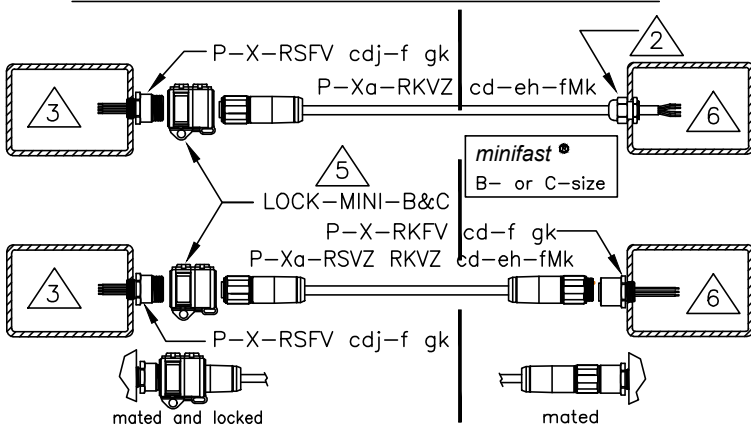
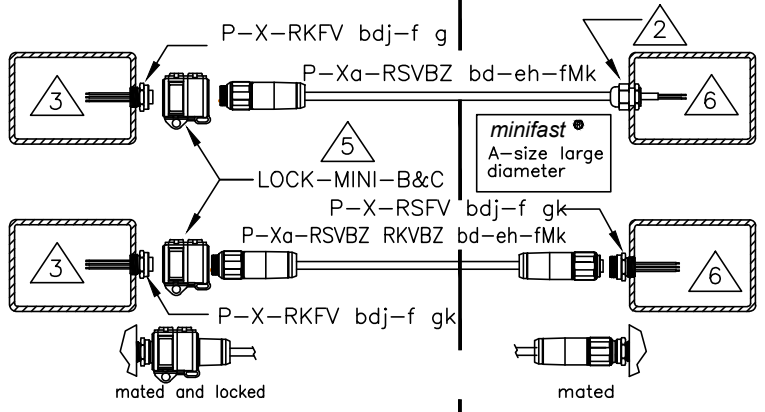
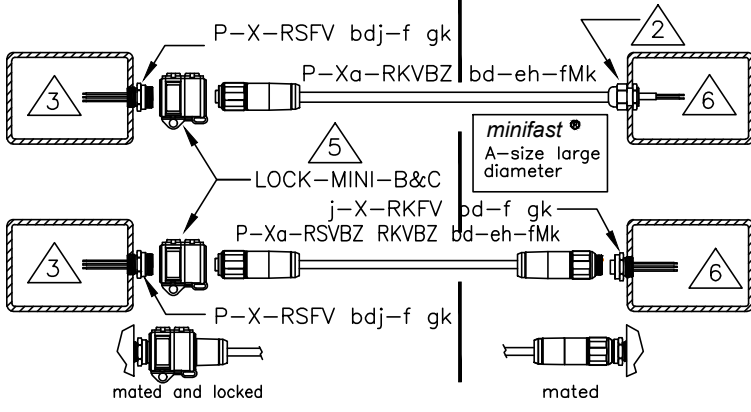
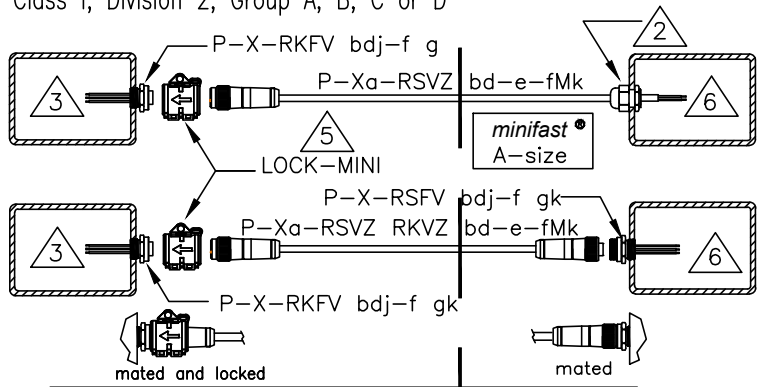
Hazardous Location  
Class I, Zone 2, Group IIC, or  
Class I, Division 2, Group A, B, C or D

Nonhazardous  
Location



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

Nonhazardous  
Location




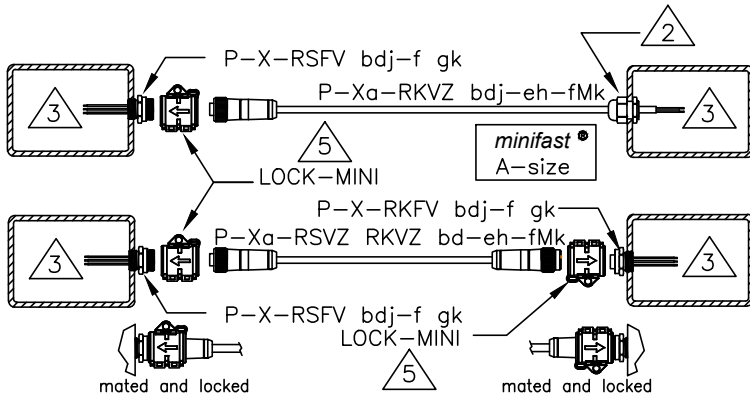
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
1. The installation must be in accordance with the National Electrical Code (NEC), ANSI/NFPA 70.
2. Unmolded cable ends must be installed using terminating fittings approved for the appropriate Class I, Zone 2 or Class I, Division 2 hazardous location and suitable for the field device or enclosure and the type of cable.
3. Field device or enclosure approved for installation in the appropriate Class I, Zone 2 or Class I, Division 2 hazardous location.
4. Model number key:
 

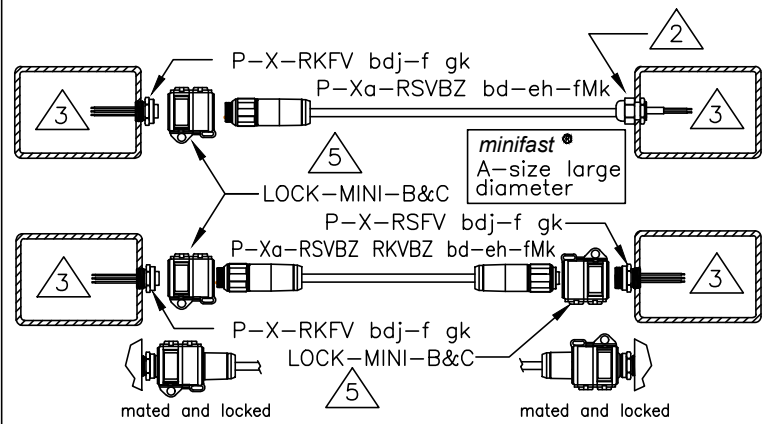
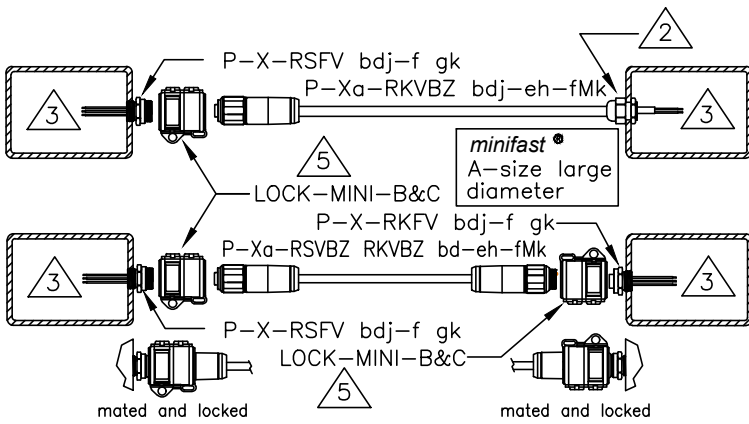
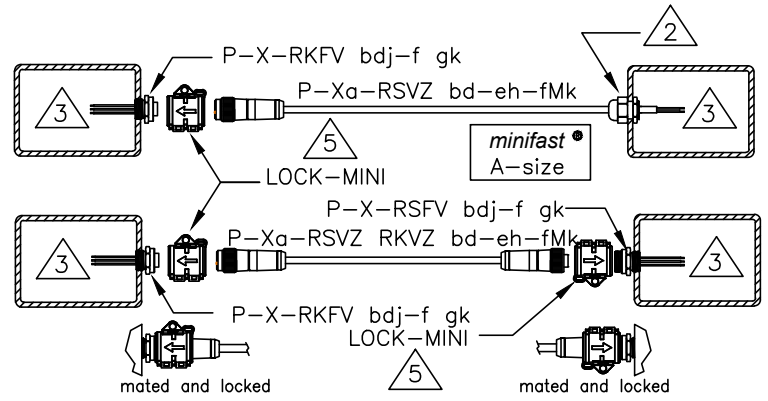
a = certification code 2 or blank	f = cable or lead length in meters
b = number of conductors, 2 through 6	g = Entry thread /14.5/NPT, /14.75/NPT, M20, or /M20/S3526
c = number of conductors, 7, 8, 9, 10, 12 or 19	h = Cable Option XL or blank
d = Pinout code 0-9, 00-09, 10-99	j = shield connected, D or blank
e = 3- or 4-digit cable type	k = Option S1331, S1599, S3399, S3400, or blank
5. lokfast® guards on quick-disconnects require a tool to disconnect, rendering the connection not normally arcing. All connectors in the hazardous location must be secured using the appropriate lokfast® guard. Use LOCK-MINI or LOCK-MINI-SST for A-size minifast® connectors, and LOCK-MINI-B&C for A-size large diameter, B-size and C-size minifast® connectors.  
 WARNING: Potential electrostatic charging hazard. Clean LOCK-MINI and LOCK-MINI-B&C only with a damp cloth.
6. Control equipment may be suitable for ordinary (nonhazardous) locations.
7. Cables have TC-ER, ITC-ER or PLTC-ER rating.
8. See Sheet 8 for approved ambient temperature, supply voltage, and conditions of use.

E	Add eb protection scheme 2-4 pin A size	TKM	TKM	10/5/21	Drawing No.: NI-2.422
Rev	Description	Drft	Chk	Date	Scale: NONE
					Sheet 4 of 8




Hazardous Location  
Category 2, Group IIC, or  
Zone 1, Group IIC 



Hazardous Location  
Category 2, Group IIC, or  
Zone 1, Group IIC 




Notes:

-  The equipment is suitable for fixed installations in Category 2 when installed in accordance with EN 60079-14 "Explosive Atmospheres - Part 14: electrical installations design, selection and erection" and this control drawing, or in Zone 1 when installed in accordance with IEC 60079-14 "Explosive Atmospheres - Part 14: electrical installation design, selection and erection and this control drawing.
-  Unmolded cable ends must be installed using terminating fittings approved for the appropriate Category 2 or Zone 1 hazardous location and suitable for the field device or enclosure.
-  Field device or enclosure approved for installation in the appropriate Category 2 or Zone 1 hazardous location.

4. Model number key:

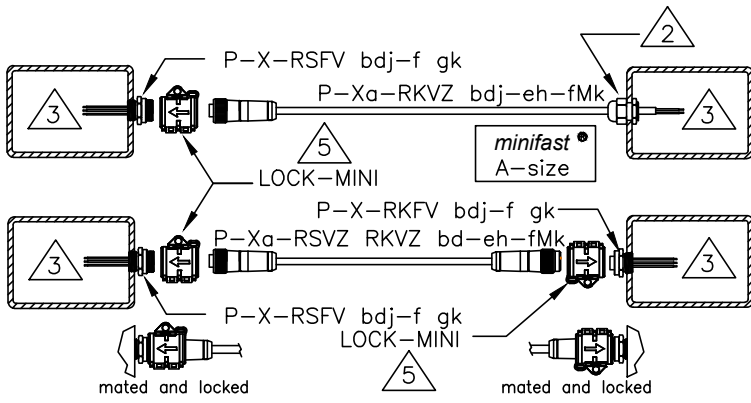
- |                                       |  |
|---------------------------------------|--|
| a = certification code 1 or blank     | g = Entry thread /14.5/NPT, /14.75/NPT, M20, or /M20/S3526 |
| b = number of conductors, 2 through 4 | h = Cable Option XL or blank                               |
| d = Pinout code 0-9, 00-09, 10-99     | j = shield connected, D or blank                           |
| e = 3- or 4-digit cable type          | k = Option /S1331, /S1599, /S3399, /S3400, or blank        |
| f = cable or lead length in meters    |  |

-  *lokfast*® guards on quick-disconnects require a tool to disconnect, rendering the connection not normally arcing. All connectors in the hazardous location must be secured using the appropriate *lokfast*® guard. Use LOCK-MINI or LOCK-MINI-SST for A-size *minifast*® connectors, and A-size large diameter *minifast*® connectors.

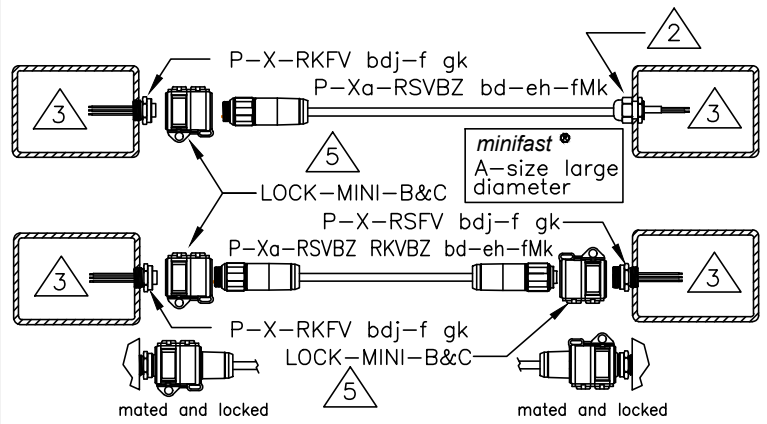
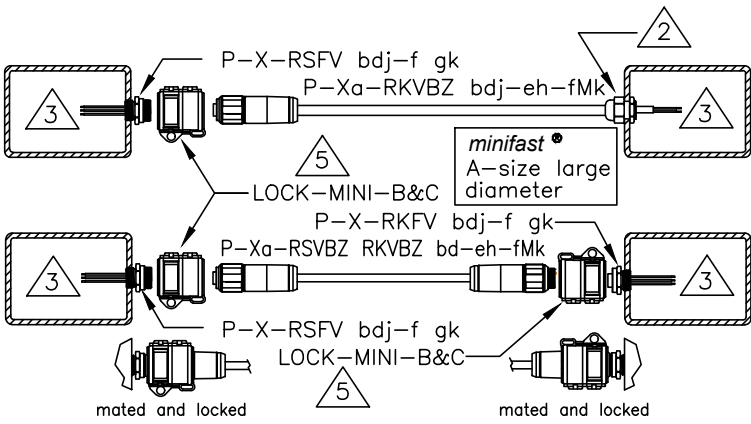
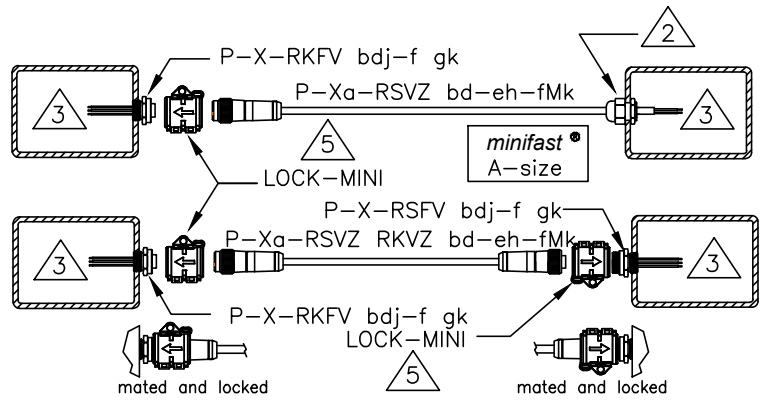
WARNING: Potential electrostatic charging hazard.  
Clean LOCK-MINI only with a damp cloth.

6. Cables meet the requirements of IEC 60332-1-2 or IEC 60332-3-22 for resistance to flame propagation.
7. See Sheet 8 for approved ambient temperature, supply voltage, and conditions of use.

Hazardous Location  
 Class I, Zone 1, Group IIC, or  
 Class I, Division 2, Group A, B, C or D



Hazardous Location  
 Class I, Zone 1, Group IIC, or  
 Class I, Division 2, Group A, B, C or D



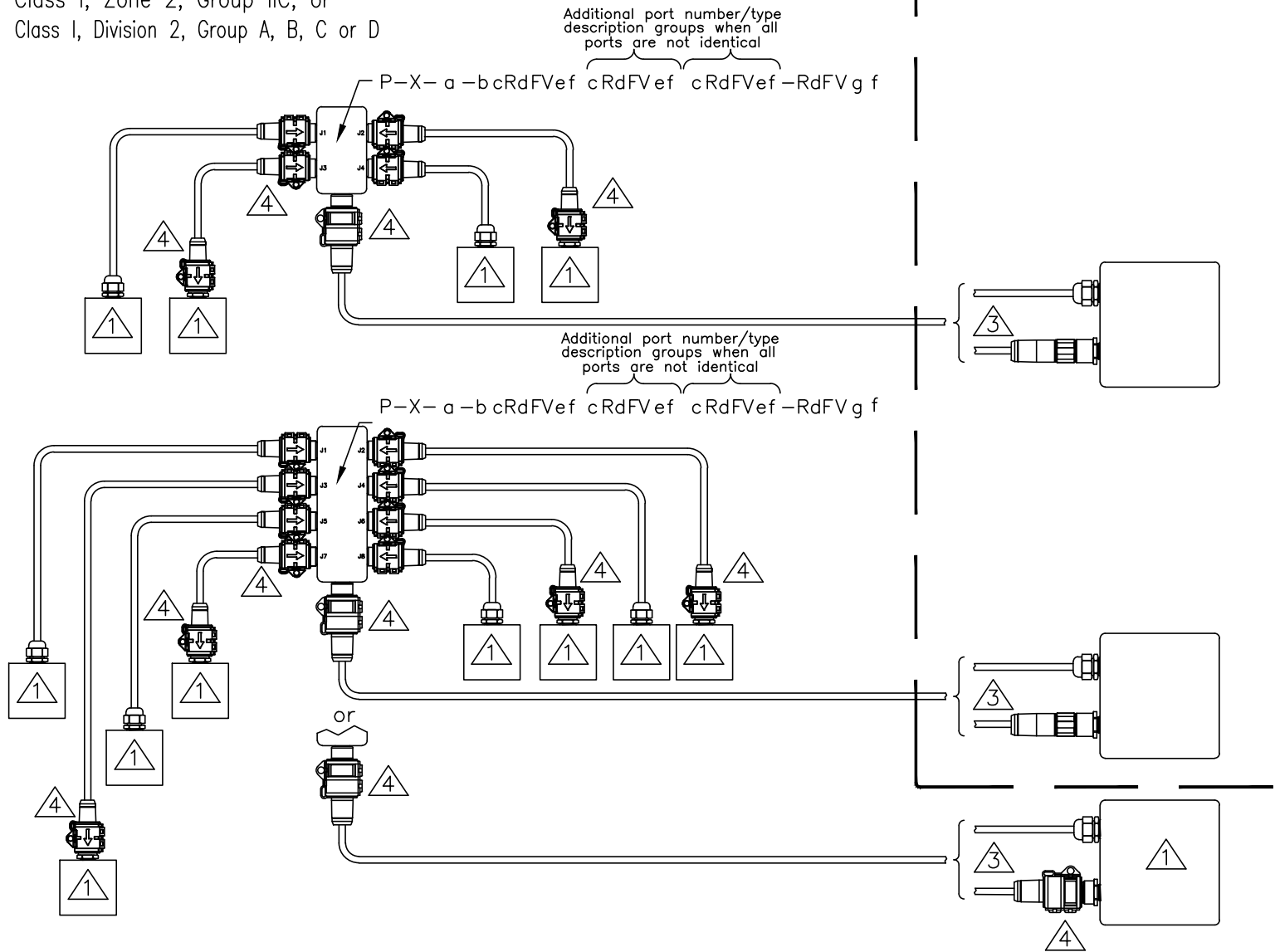
Notes:

1. The installation must be in accordance with the National Electrical Code (NEC), ANSI/NFPA 70.
2. Unmolded cable ends must be installed using terminating fittings approved for the appropriate Class I, Zone 1 or Class I, Division 2 hazardous location and suitable for the field device or enclosure and the type of cable.
3. Field device or enclosure approved for installation in the appropriate Class I, Zone 1 or Class I, Division 2 hazardous location.
4. Model number key:
 

a = certification code 1 or blank	g = Entry thread /14.5/NPT, /14.75/NPT, M20, or /M20/S3526
b = number of conductors, 2 through 4	h = Cable Option XL or blank
d = Pinout code 0-9, 00-09, 10-99	j = shield connected, D or blank
e = 3- or 4-digit cable type	k = Option /S1331, /S1599, /S3399, /S3400, or blank
f = cable or lead length in meters	
5. lokfast® guards on quick-disconnects require a tool to disconnect, rendering the connection not normally arcing. All connectors in the hazardous location must be secured using the appropriate lokfast® guard. Use LOCK-MINI or LOCK-MINI-SST for A-size minifast® connectors.  
**WARNING: Potential electrostatic charging hazard.**  
 Clean LOCK-MINI only with a damp cloth.
6. Cables have TC-ER, ITC-ER or PLTC-ER rating.
7. See Sheet 8 for approved ambient temperature, supply voltage, and conditions of use.

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

Nonhazardous  
 Location



Notes:

1. Field device or enclosure approved for installation in the appropriate Category 3, or Zone 2, or Class I, Division 2 hazardous location.
2. Field circuits may be installed using any of the drop cords listed on Sheet 1 for installations according to ATEX or IECEx, or those listed on Sheet 3 for US installations. Connection to the field device may be made using any of the Device Gland Receptacles and *lokfast*® guards listed on Sheet 1, or it may be made using entry fittings suitable for Category 3 or Zone 2 per the field device manufacturer's instructions.
3. Home-run cords may be any of the B-Series or C-Series cords listed on Sheet 1 for installations according to ATEX or IECEx, or those listed on Sheet 3 for US installations. The home-run cord may be single ended and terminate at the control equipment using approved entry fittings suitable for the location, or may be double ended and terminate using any of the receptacles listed on Sheet 1.
4. *lokfast*® guards on quick-disconnects require a tool to disconnect, rendering the connection not normally arcing. All connectors in the hazardous location must be secured using the appropriate *lokfast*® guard. Use LOCK-MINI or LOCK-MINI-SST for A-size *minifast*® connectors, and LOCK-MINI-B&C for A-size large diameter, B-size and C-size *minifast*® connectors.  
 WARNING: Potential electrostatic charging hazard. Clean LOCK-MINI and LOCK-MINI-B&C only with a damp cloth.
5. Junction Box model number key:
  - a = Enclosure Material: SS- or blank
  - b = Total number of ports: 3, 4, 5, 6, 7 or 8
  - c = Number of ports of a given type if all ports are not identical: -1, -2, -3, -4, -5, -6, -7 or blank
  - d = Gender K or S
  - e = Number of port conductors 2, 3, 4, 5, 6, 7 or 8
  - f = Wiring option: 0 - 9, 00 - 99 or blank
  - g = Homerun connector conductor count: 4, 5, 6, 7, 8, 9, 10, 12 or 19
7. See Sheet 8 for approved ambient temperature, supply voltage, and conditions of use.

E	Add eb protection scheme 2-4 pin A size	TKM	TKM	10/5/21	Drawing No.: NI-2.422
Rev	Description	Drft	Chk	Date	Scale: NONE
					Sheet 7 of 8

Specific Conditions of Use  
Supply Ratings at Specified Ambient Temperatures

Ambient Temperature	Number of Conductors	Current Carrying Conductors $\triangle$	Conductor Size	Supply Rating			
				Cords with X model code (e.g. P-X-R.VZ.)	Cords with X1 model code, receptacles with X or X1 model code	Receptacles with X2 model code (e.g. P-X2-R.FVZ.)	Cords with X2 model code (e.g. P-X2-R.VZ.)
$-40^{\circ}\text{C} \leq T_a \leq 70^{\circ}\text{C}$	9, 10, or 12	All	16/18 AWG	$V_{supply} = 250V$ $I_{supply} = 7A$ (5A installed as ITC or PLTC)	$V_{supply} = 250V$ $I_{supply} = 7A$	$V_{supply} = 300V$ $I_{supply} = 7A$	$V_{supply} = 300V$ (150V installed as ITC or PLTC) $I_{supply} = 7A$ (5A installed as ITC or PLTC)
			22 AWG	$V_{supply} = 250V$ $I_{supply} = 5A$ (3A installed as ITC or PLTC)	$V_{supply} = 250V$ $I_{supply} = 5A$	$V_{supply} = 300V$ $I_{supply} = 5A$	$V_{supply} = 300V$ (150V installed as ITC or PLTC) $I_{supply} = 5A$ (3A installed as ITC or PLTC)
			14 AWG	$V_{supply} = 250V$ (150V installed as ITC or PLTC) $I_{supply} = 12A$ (5A installed as ITC or PLTC)	$V_{supply} = 250V$ $I_{supply} = 12A$	$V_{supply} = 300V$ $I_{supply} = 12A$	$V_{supply} = 300V$ (150V installed as ITC or PLTC) $I_{supply} = 12A$ (5A installed as ITC or PLTC)
			16 AWG	$V_{supply} = 250V$ (150V installed as ITC or PLTC) $I_{supply} = 10A$ (5A installed as ITC or PLTC)	$V_{supply} = 250V$ $I_{supply} = 10A$	$V_{supply} = 300V$ $I_{supply} = 10A$	$V_{supply} = 300V$ (150V installed as ITC or PLTC) $I_{supply} = 8A$ (5A installed as ITC or PLTC)
			18 AWG	$V_{supply} = 250V$ (150V installed as ITC or PLTC) $I_{supply} = 8A$ (5A installed as ITC or PLTC)	$V_{supply} = 250V$ $I_{supply} = 8A$	$V_{supply} = 300V$ $I_{supply} = 8A$	$V_{supply} = 300V$ (150V installed as ITC or PLTC) $I_{supply} = 8A$ (5A installed as ITC or PLTC)
			22 AWG	$V_{supply} = 250V$ (150V installed as ITC or PLTC) $I_{supply} = 5A$ (3A installed as ITC or PLTC)	$V_{supply} = 250V$ $I_{supply} = 5A$	$V_{supply} = 300V$ $I_{supply} = 5A$	$V_{supply} = 300V$ (150V installed as ITC or PLTC) $I_{supply} = 5A$ (3A installed as ITC or PLTC)
	2-8	All	16/18 AWG	$V_{supply} = 250V$ (150V installed as ITC or PLTC) Cond. #s 5, 7, 12 = 4A, all other = 2A	$V_{supply} = 250V$ $I_{supply}$ Cond. #s 5, 7, 12 = 4A, all other 2A	$V_{supply} = 300V$ $I_{supply}$ Cond. #s 5, 7, 12 = 4A, all other 2A	$V_{supply} = 300V$ (150V installed as ITC or PLTC) $I_{supply}$ Cond. #s 5, 7, 12 = 4A, all other = 2A
			22 AWG	$V_{supply} = 250V$ (150V installed as ITC or PLTC) Conductors 5, 7, 12 = 4A (3A for ITC/PLTC) All other conductors 2A	$V_{supply} = 250V$ $I_{supply}$ Cond. #s 5, 7, 12 = 4A, all other 2A	$V_{supply} = 300V$ $I_{supply}$ Cond. #s 5, 7, 12 = 4A, all other 2A	$V_{supply} = 300V$ (150V installed as ITC or PLTC) $I_{supply}$ Conductors 5, 7, 12 = 4A (3A for ITC/PLTC) All other conductors 2A
			14 AWG	$V_{supply} = 250V$ (150V installed as ITC or PLTC) $I_{supply} = 12A$ (5A installed as ITC or PLTC)	$V_{supply} = 250V$ $I_{supply} = 12A$	$V_{supply} = 300V$ $I_{supply} = 12A$	$V_{supply} = 300V$ (150V installed as ITC or PLTC) $I_{supply} = 12A$ (5A installed as ITC or PLTC)
			16 AWG	$V_{supply} = 250V$ (150V installed as ITC or PLTC) $I_{supply} = 8A$ (5A installed as ITC or PLTC)	$V_{supply} = 250V$ $I_{supply} = 8A$	$V_{supply} = 300V$ $I_{supply} = 8A$	$V_{supply} = 300V$ (150V installed as ITC or PLTC) $I_{supply} = 8A$ (5A installed as ITC or PLTC)
			18 AWG	$V_{supply} = 250V$ (150V installed as ITC or PLTC) $I_{supply} = 8A$ (5A installed as ITC or PLTC)	$V_{supply} = 250V$ $I_{supply} = 8A$	$V_{supply} = 300V$ $I_{supply} = 8A$	$V_{supply} = 300V$ (150V installed as ITC or PLTC) $I_{supply} = 8A$ (5A installed as ITC or PLTC)
			22 AWG	$V_{supply} = 250V$ (150V installed as ITC or PLTC) $I_{supply} = 5A$ (3A installed as ITC or PLTC)	$V_{supply} = 250V$ $I_{supply} = 5A$	$V_{supply} = 300V$ $I_{supply} = 5A$	$V_{supply} = 300V$ (150V installed as ITC or PLTC) $I_{supply} = 5A$ (3A installed as ITC or PLTC)
2-6	Up to 5	14 AWG	$V_{supply} = 250V$ (150V installed as ITC or PLTC) $I_{supply} = 12A$ (5A installed as ITC or PLTC)	$V_{supply} = 250V$ $I_{supply} = 12A$	$V_{supply} = 300V$ $I_{supply} = 12A$	$V_{supply} = 300V$ (150V installed as ITC or PLTC) $I_{supply} = 12A$ (5A installed as ITC or PLTC)	
$-40^{\circ}\text{C} \leq T_a \leq 82^{\circ}\text{C}$	2-8	All	16 AWG	$V_{supply} = 250V$ (150V installed as ITC or PLTC) $I_{supply} = 8A$ (5A installed as ITC or PLTC)	$V_{supply} = 250V$ $I_{supply} = 8A$	$V_{supply} = 300V$ $I_{supply} = 8A$	$V_{supply} = 300V$ (150V installed as ITC or PLTC) $I_{supply} = 8A$ (5A installed as ITC or PLTC)
$-40^{\circ}\text{C} \leq T_a \leq 85^{\circ}\text{C}$	19	All Except 5, 7, and 12	22 AWG	$V_{supply} = 250V$ (150V installed as ITC or PLTC) $I_{supply} = 2A$	$V_{supply} = 250V$ $I_{supply} = 2A$	$V_{supply} = 300V$ $I_{supply} = 2A$	$V_{supply} = 300V$ (150V installed as ITC or PLTC) $I_{supply} = 2A$
$-40^{\circ}\text{C} \leq T_a \leq 90^{\circ}\text{C}$	9, 10, or 12	All	16/18 AWG	$V_{supply} = 250V$ (150V installed as ITC or PLTC) $I_{supply} = 600\text{ mA}$	$V_{supply} = 250V$ $I_{supply} = 600\text{ mA}$	$V_{supply} = 300V$ $I_{supply} = 600\text{ mA}$	$V_{supply} = 300V$ (150V installed as ITC or PLTC) $I_{supply} = 600\text{ mA}$
			22 AWG	$V_{supply} = 250V$ (150V installed as ITC or PLTC) $I_{supply} = 600\text{ mA}$	$V_{supply} = 250V$ $I_{supply} = 600\text{ mA}$	$V_{supply} = 300V$ $I_{supply} = 600\text{ mA}$	$V_{supply} = 300V$ (150V installed as ITC or PLTC) $I_{supply} = 600\text{ mA}$
	2-8	All	16/18 AWG	$V_{supply} = 250V$ (150V installed as ITC or PLTC) $I_{supply} = 600\text{ mA}$	$V_{supply} = 250V$ $I_{supply} = 600\text{ mA}$	$V_{supply} = 250V$ $I_{supply} = 600\text{ mA}$	$V_{supply} = 300V$ (150V installed as ITC or PLTC) $I_{supply} = 600\text{ mA}$
			22 AWG	$V_{supply} = 250V$ (150V installed as ITC or PLTC) $I_{supply} = 600\text{ mA}$	$I_{supply} = 600\text{ mA}$	$I_{supply} = 600\text{ mA}$	$V_{supply} = 300V$ (150V installed as ITC or PLTC) $I_{supply} = 600\text{ mA}$
	19	All	16/18 AWG	$V_{supply} = 250V$ (150V installed as ITC or PLTC) $I_{supply} = 600\text{ mA}$	$V_{supply} = 250V$ $I_{supply} = 600\text{ mA}$	$V_{supply} = 300V$ $I_{supply} = 600\text{ mA}$	$V_{supply} = 300V$ (150V installed as ITC or PLTC) $I_{supply} = 600\text{ mA}$
			22 AWG	$V_{supply} = 250V$ (150V installed as ITC or PLTC) $I_{supply} = 600\text{ mA}$	$V_{supply} = 250V$ $I_{supply} = 600\text{ mA}$	$V_{supply} = 300V$ $I_{supply} = 600\text{ mA}$	$V_{supply} = 300V$ (150V installed as ITC or PLTC) $I_{supply} = 600\text{ mA}$

Ambient Temperature	Number of home-run (P1) connector conductors	Supply Rating	
		Junctions with X or X1 model code (e.g. P-X-4 R.FVZ. or P-X1-4 R.FVZ.)	Junctions with X2 model code (e.g. P-X2-4 R.FVZ.)
$-40^{\circ}\text{C} \leq T_a \leq 70^{\circ}\text{C}$	2-8	$V_{supply} = 250V$ $I_{supply} = 8A$	$V_{supply} = 300V$ $I_{supply} = 8A$
	9, 10, or 12	$V_{supply} = 250V$ $I_{supply}^{(J1-J^*)} = 8A$ $(P1) = 7A$	$V_{supply} = 300V$ $I_{supply}^{(J1-J^*)} = 8A$ $(P1) = 7A$
	19	$V_{supply} = 250V$ $I_{supply}^{(J1-J^*)} = 8A$ $(P1\text{ pins } 5,7,12) = 4A$ $(P1\text{ all other}) = 2A$	$V_{supply} = 300V$ $I_{supply}^{(J1-J^*)} = 8A$ $(P1\text{ pins } 5,7,12) = 4A$ $(P1\text{ all other}) = 2A$
$-40^{\circ}\text{C} \leq T_a \leq 90^{\circ}\text{C}$	2-19	$V_{supply} = 250V$ $I_{supply} = 600\text{mA}$	$V_{supply} = 300V$ $I_{supply} = 600\text{mA}$

\* = number of drop circuits

$\triangle$ . The rated current is per current carrying conductor. Ground conductors and shield conductors are not considered 'current carrying conductors'.

**WARNING:** Potential electrostatic charging hazard. Clean LOCK-MINI only with a damp cloth.

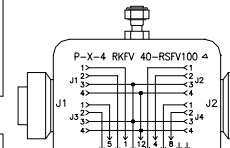
**WARNING:** Failure to follow conditions of acceptability for the ratings, ambient temperature and electrostatic discharge may result in fire, explosion or electric shock.

5 and 6 pin A size and all B and C size models with 'X' certification code

Models with 'X' 2-4 A size certification code

Junction Box Product Markings

IECEx FMG 16.0032X 3 G Ex nA IC T5 Gc; 3 G Ex ec IC T5 Gc; Cl I Div 2, Grps A,B,C,D T5 Gc Cl I, Zn 2, AEx nA IC T5 Gc; Cl I, Zn 2, AEx ec IC T5 Gc FM15ATEX0066X II 3 G Ex nA IC T5 Gc; II 3 G Ex ec IC T5 Gc 1234X P-X-RSVZ 50-330-2M Install per Turck control dwg Ni-2.422 $-40^{\circ}\text{C} \leq T_a \leq 70^{\circ}\text{C}$ ( $\leq 90^{\circ}\text{C}$ with I $\leq 600\text{mA}$ ) See instructions for supply ratings at specified ambient temperatures.	5000 Fernbrook Ln N Plymouth, MN, USA www.turck.com 0598
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IECEx FMG 16.0032X 3 G Ex nA IC T5 Gc; 3 G Ex ec IC T5 Gc FM15ATEX0066X II 3 G Ex nA IC T5 Gc; II 3 G Ex ec IC T5 Gc 1234X P-X1-RSVZ 50-330-2M Install per Turck control dwg Ni-2.422 $-40^{\circ}\text{C} \leq T_a \leq 70^{\circ}\text{C}$ ( $\leq 90^{\circ}\text{C}$ with I $\leq 600\text{mA}$ ) See instructions for supply ratings at specified ambient temperatures.	5000 Fernbrook Ln N Plymouth, MN, USA www.turck.com 0598
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IECEx FMG 16.0032X 3 G Ex nA IC T5 Gc; 3 G Ex ec IC T5 Gc; 2 G Ex eb IC T5 Gb FM15ATEX0066X II 3 G Ex nA IC T5 Gc; II 3 G Ex ec IC T5 Gc FM21ATEX0018X II 2 G Ex eb IC T5 Gb 1234X P-X2-RSVZ 40-330-2M Install per Turck control dwg Ni-2.422 $-40^{\circ}\text{C} \leq T_a \leq 70^{\circ}\text{C}$ ( $\leq 90^{\circ}\text{C}$ with I $\leq 600\text{mA}$ ) See instructions for supply ratings at specified ambient temperatures.	5000 Fernbrook Ln N Plymouth, MN, USA www.turck.com 0598
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