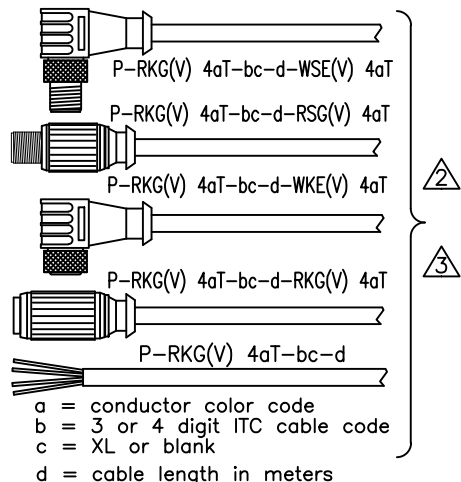


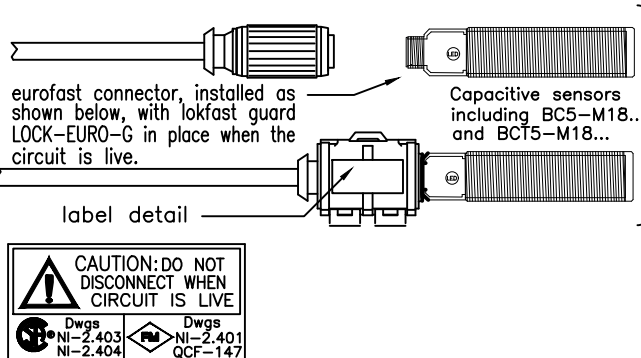
FM Approved Inductive Proximity Sensors



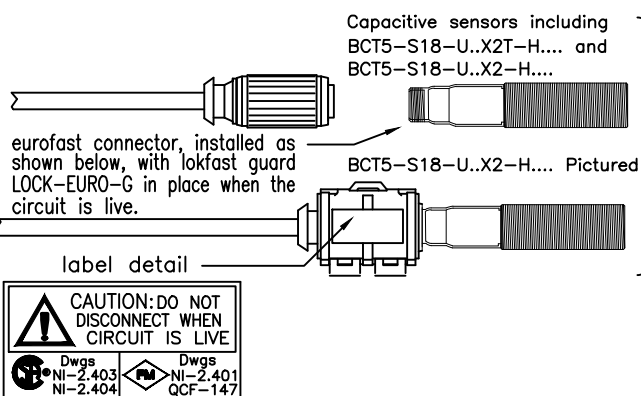
NON-HAZARDOUS LOCATION



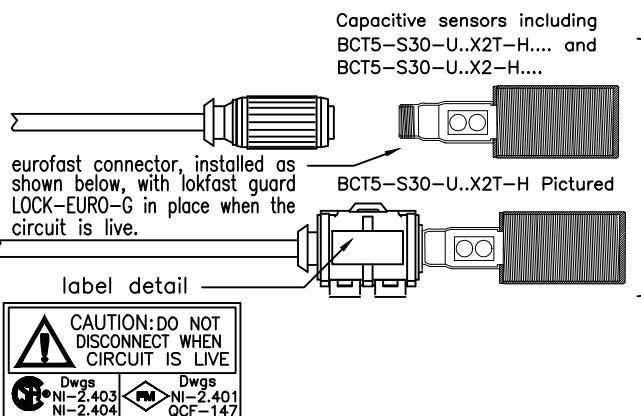
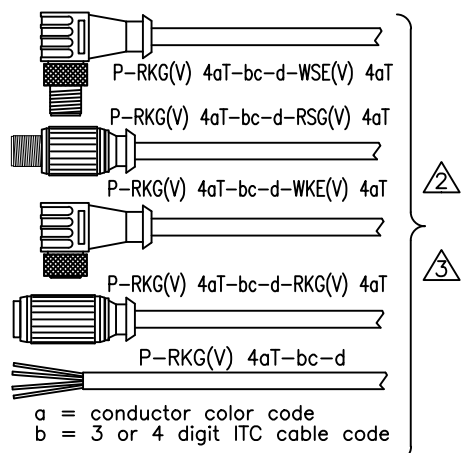
HAZARDOUS (CLASSIFIED) LOCATION Class I, Division 2, Groups A,B,C,D



Sensors with
eurofast
connectors
(H1.41 part
number code)



Sensors with
eurofast
connectors
(H1.51 part
number code)



Sensors with
eurofast
connectors
(H1.51 part
number code)

Sheet 1: US Installations

Drawing No.:

Ni-2.524

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

Title:

FM Control Drawing for Capacitive Sensors

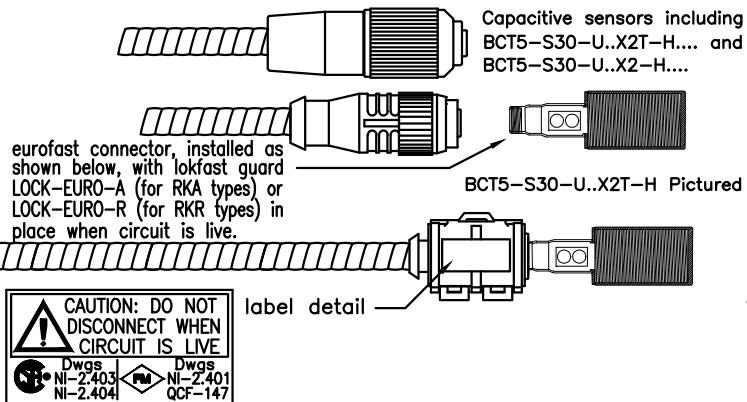
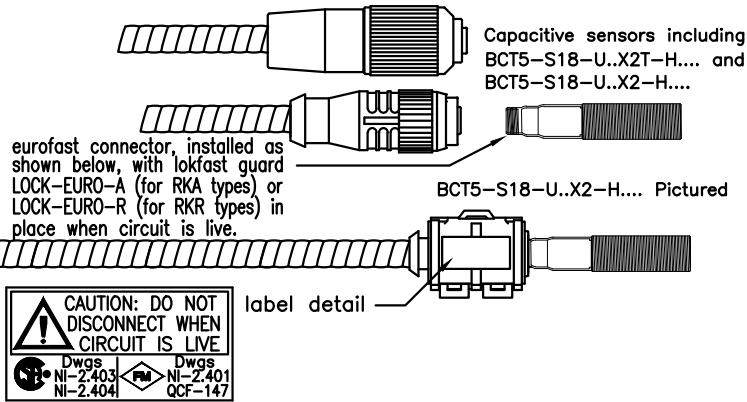
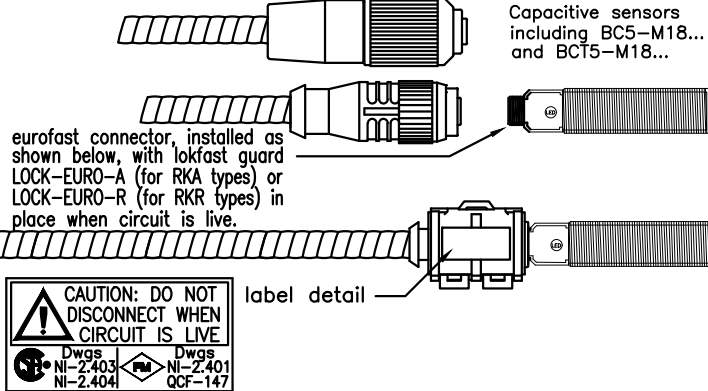
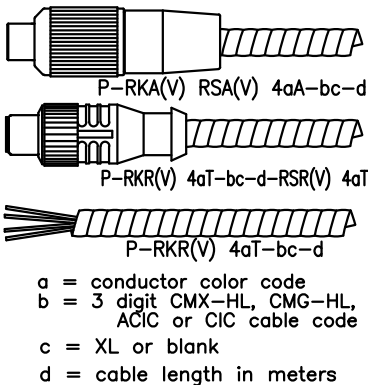
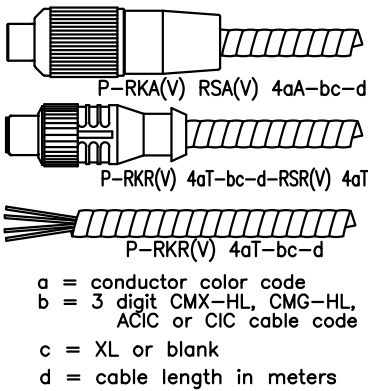
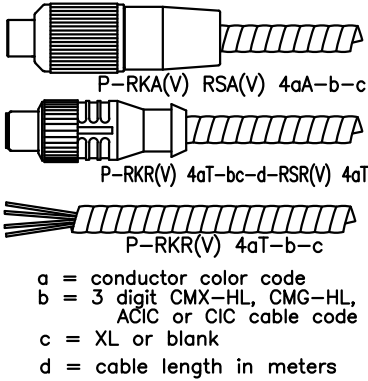
C	Added French cautions	TKM		8/15/23
B	Added product marking page	TKM	BVL	3/30/18
Rev	Description	Drft	Chk	Date

Scale: NONE

Sheet 1 of 4

NON-HAZARDOUS LOCATION

HAZARDOUS (CLASSIFIED) LOCATION Class I, Division 2, Groups A,B,C,D Class I, Zone 2, IIC T4, Groups A,B,C,D



ATTENTION : ne pas connecter ou déconnecter lorsque le circuit est sous en tension

Note: Label with FM markings must be affixed to cable after installation to ensure continue compliance.

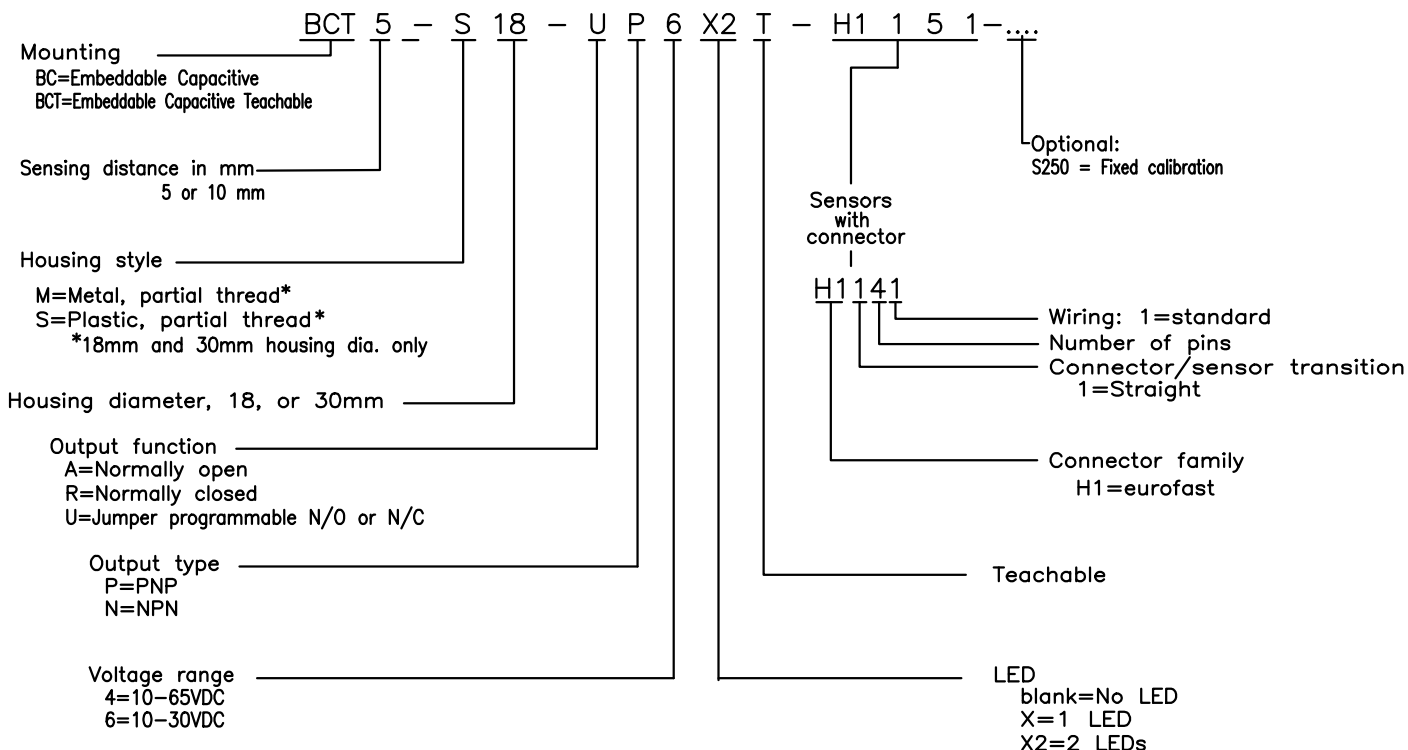
Sheet 2: Canadian Installations

C	Added French cautions	TKM	8/15/23	Drawing No.: Ni-2.524	
Rev	Description	Drft	Chk	Date	Scale: NONE
					Sheet 2 of 4

Notes:

1. Wiring methods in US installations must be in accordance with applicable Class I, Class II, or Class III, Division 2 wiring practices per the National Electrical Code (NEC), ANSI/NFPA 70, Article 501.10(B) and this control drawing.
Wiring methods in Canadian installations must be in accordance with the Canadian Electrical Code (CEC) and this control drawing.
 2. The sensors must be supplied with 65Vdc or less.
 3. For US installations, sensors with connectors must be connected using FM-approved cordsets and lokfast guards as shown. The cordsets are FM approved for installation in Class I, Division 2 when installed per Turck control drawing QCF-00147, available at www.turck.com/fmcd. The lokfast guards must be in place when the circuit is energized.
 4. For Canadian installations, sensors with connectors must be connected using cordsets and lokfast guards approved to Canadian standards. The cordsets noted are approved to Canadian standards when installed per Turck control drawing NI-2.404. The lokfast guards must be in place when the circuit is energized.
5. Approved sensor part numbers are as indicated below.

Sensor Part Number Key: Capacitive Sensors

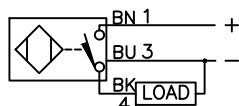


C	Added French cautions	TKM		8/15/23	Drawing No.: Ni-2.524	
Rev	Description	Drft	Chk	Date	Scale: NONE	Sheet 3 of 4

Capacitive Sensor Marking Details

BC5-M18-AP4X-H1141/S250

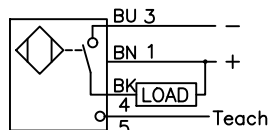
TURCK **FM** **APPROVED** **US**
BC5-M18-AP4X-H1141/S250
 10-65Vdc 200mA $T_a=70^\circ\text{C}$
 Cl I, Div 2, Grps A,B,C,D haz loc
 Cl I, Zone 2, IIC T4 Grps A,B,C,D haz loc
 per control dwg NI-2.524 at
 www.Turck.com/fmcd T4 IP67



ATTENTION : ne pas connecter ou déconnecter lorsque le circuit est sous en tension

BCT5-S18-UN6X2T-H1151

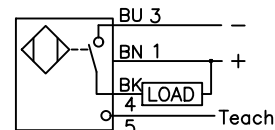
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BCT5-S18-UN6X2T-H1151
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 Cl I, Div 2, Grps A,B,C,D haz loc
 Cl I, Zone 2, IIC T4 Grps A,B,C,D haz loc
 per control dwg NI-2.524 at
 www.Turck.com/fmcd T4 IP67



ATTENTION : ne pas connecter ou déconnecter lorsque le circuit est sous en tension

BCT10-S30-UN6X2-H1151

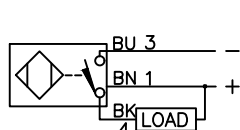
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BCT10-S30-UN6X2-H1151
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 Cl I, Zone 2, IIC T4 Grps A,B,C,D haz loc
 per control dwg NI-2.524 at
 www.Turck.com/fmcd T4 IP67



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BC5-M18-AN4X-H1141/S250

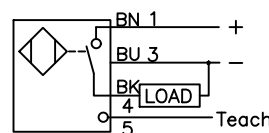
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 10-65Vdc 200mA $T_a=70^\circ\text{C}$
 Cl I, Div 2, Grps A,B,C,D haz loc
 Cl I, Zone 2, IIC T4 Grps A,B,C,D haz loc
 per control dwg NI-2.524 at
 www.Turck.com/fmcd T4 IP67



ATTENTION : ne pas connecter ou déconnecter lorsque le circuit est sous en tension

BCT5-S18-UP6X2T-H1151

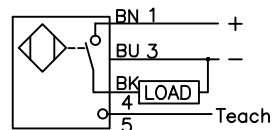
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 Cl I, Div 2, Grps A,B,C,D haz loc
 Cl I, Zone 2, IIC T4 Grps A,B,C,D haz loc
 per control dwg NI-2.524 at
 www.Turck.com/fmcd T4 IP67



ATTENTION : ne pas connecter ou déconnecter lorsque le circuit est sous en tension

BCT10-S30-UP6X2-H1151

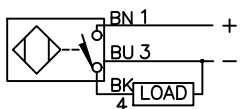
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 Cl I, Zone 2, IIC T4 Grps A,B,C,D haz loc
 per control dwg NI-2.524 at
 www.Turck.com/fmcd T4 IP67



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BC5-S18-AP4X-H1141/S250

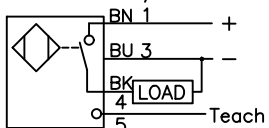
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 Cl I, Zone 2, IIC T4 Grps A,B,C,D haz loc
 per control dwg NI-2.524 at
 www.Turck.com/fmcd T4 IP67



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BCT5-S18-UN6X2-H1151

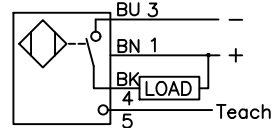
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 Cl I, Div 2, Grps A,B,C,D haz loc
 Cl I, Zone 2, IIC T4 Grps A,B,C,D haz loc
 per control dwg NI-2.524 at
 www.Turck.com/fmcd T4 IP67



ATTENTION : ne pas connecter ou déconnecter lorsque le circuit est sous en tension

BCT10-S30-UN6X2T-H1151

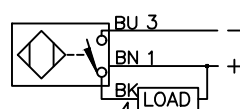
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BCT10-S30-UN6X2T-H1151
 10-30Vdc 200mA $T_a=70^\circ\text{C}$
 Cl I, Div 2, Grps A,B,C,D haz loc
 Cl I, Zone 2, IIC T4 Grps A,B,C,D haz loc
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 www.Turck.com/fmcd T4 IP67



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BC5-S18-AN4X-H1141/S250

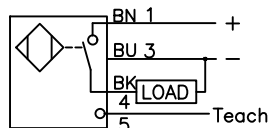
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 10-65Vdc 200mA $T_a=70^\circ\text{C}$
 Cl I, Div 2, Grps A,B,C,D haz loc
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BCT5-S18-UP6X2-H1151

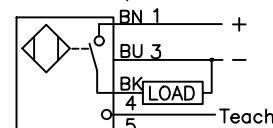
TURCK **FM** **APPROVED** **US**
BCT5-S18-UP6X2-H1151
 10-30Vdc 200mA $T_a=70^\circ\text{C}$
 Cl I, Div 2, Grps A,B,C,D haz loc
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C	Added French cautions	TKM	8/15/23	Drawing No.: Ni-2.524	
Rev	Description	Drft	Chk	Date	Scale: NONE
					Sheet 4 of 4