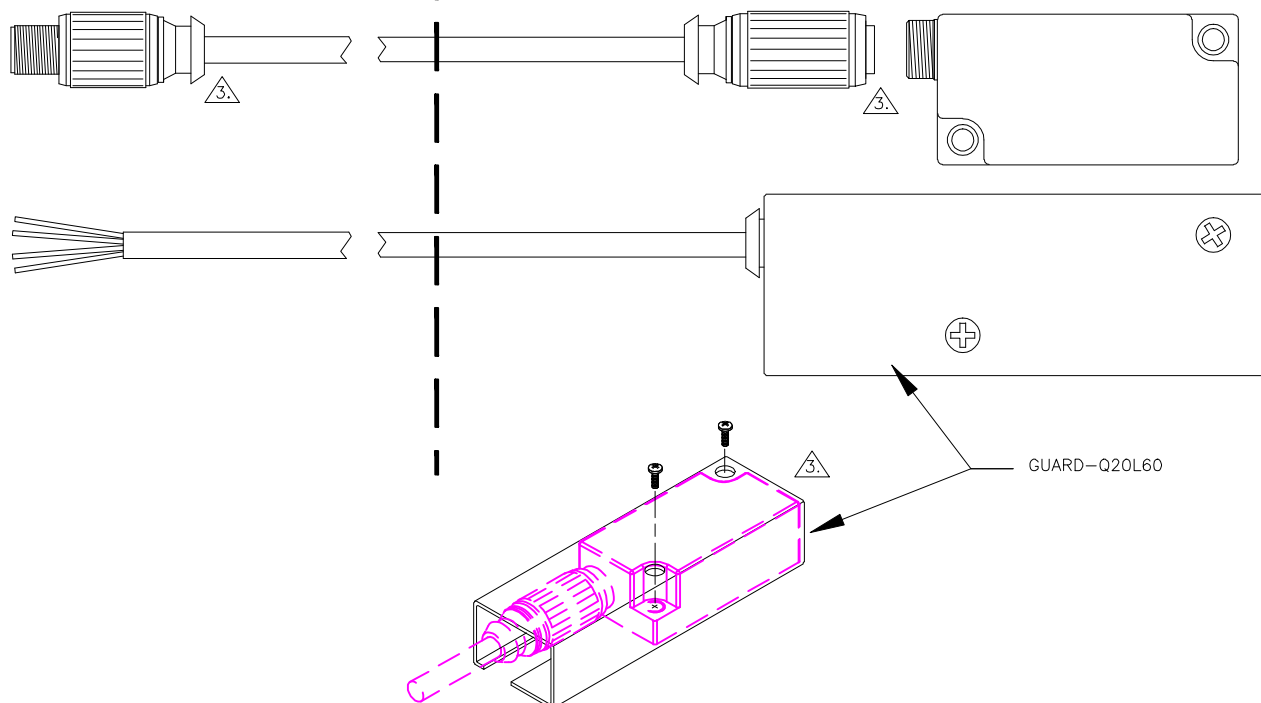


FM Approved Inclinometers



NON-HAZARDOUS LOCATION

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



Notes:

1. Wiring methods in US installations must be in accordance with applicable Class I, Class II, or Class III, Division 2 wiring methods per the National Electrical Code (NEC), ANSI/NFPA 70, Article 501 and this control drawing.
2. The sensors must be supplied with 30Vdc or less.
3. For US installations, sensors with connectors must be connected using FM-approved cordsets and GUARD-Q20L60 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. GUARD-Q20L60 must be in place when the circuit is energized.
4. The inclinometers must be mounted on a surface such that the back of the inclinometer is protected from mechanical impacts.
5. Approved sensor part numbers are as indicated below.

B . N . . . - Q20L60 - . . . - H1151 .

Number of measurement axes: 1 or 2

Measurement range, in degrees: 1 thru 360

Orientation: H or V

Number of outputs: blank (1 output) or 2

Output type

4-20 mA: Li2

0.1-4.9 V: LU3

0.5-4.5 V: LU4

0.05-4.75 V: LU5

Option: /3GD or blank

Sheet 1: US Installations

Drawing No.:

NI-2.413

TURCK

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

Title:

**Control Drawing for FM Approved
B.N..H(V)-Q20L60 Inclinometers**

Scale:

NONE

Sheet

1

of

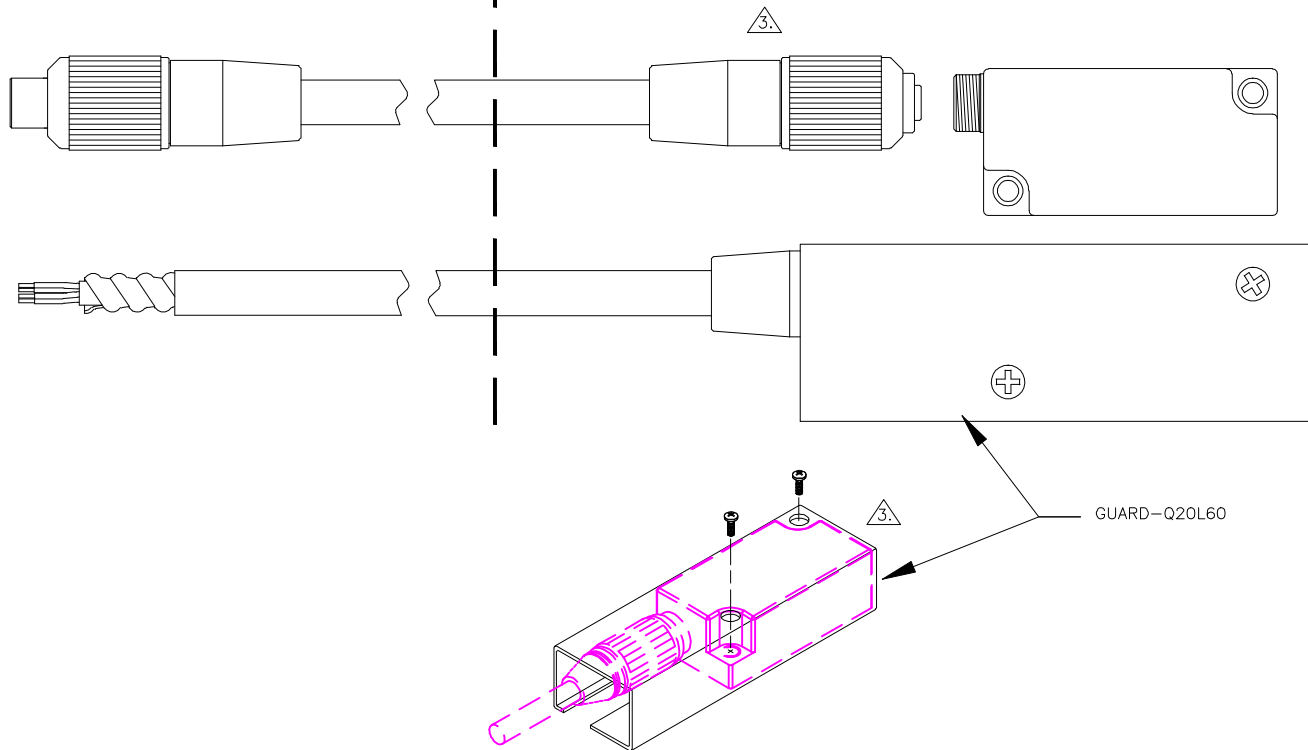
2

Rev	Description	Drft	Date
B	Correct output code, add V, /3GD	BVL	5/17/12
A	Release	BVL	12/9/11

FM Approved Inclinometers

NON-HAZARDOUS LOCATION

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



Notes:

1. 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 30Vdc or less.
3. For Canadian installations, sensors with connectors must be connected using cordsets and GUARD-Q20L60 guards approved to Canadian standards. The cordsets noted are approved to Canadian standards when installed per Turck control drawing NI-2.404. The GUARD-Q20L60 guards must be in place when the circuit is energized.
4. The inclinometers must be mounted on a surface such that the back of the inclinometer is protected from mechanical impacts.
5. Approved sensor part numbers are as indicated below.

B . N . . - Q20L60 - . . . - H1151 .
 Number of measurement axes: 1 or 2
 Measurement range, in degrees: 1 thru 360
 Orientation: H or V
 Number of outputs: blank (1 output) or 2
 Output type
 4-20 mA: Li2
 0.1-4.9 V: LU3
 0.5-4.5 V: LU4
 0.05-4.75 V: LU5
 Option: /3GD or blank

Sheet 2: Canadian Installations

B	Correct output code, add V, /3GD	BVL	5/17/12	Drawing No.:	NI-2.413
Rev	Description	Drft	Date	Scale: NONE	Sheet 2 of 2