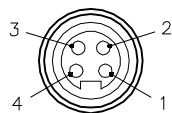


MALE END VIEW

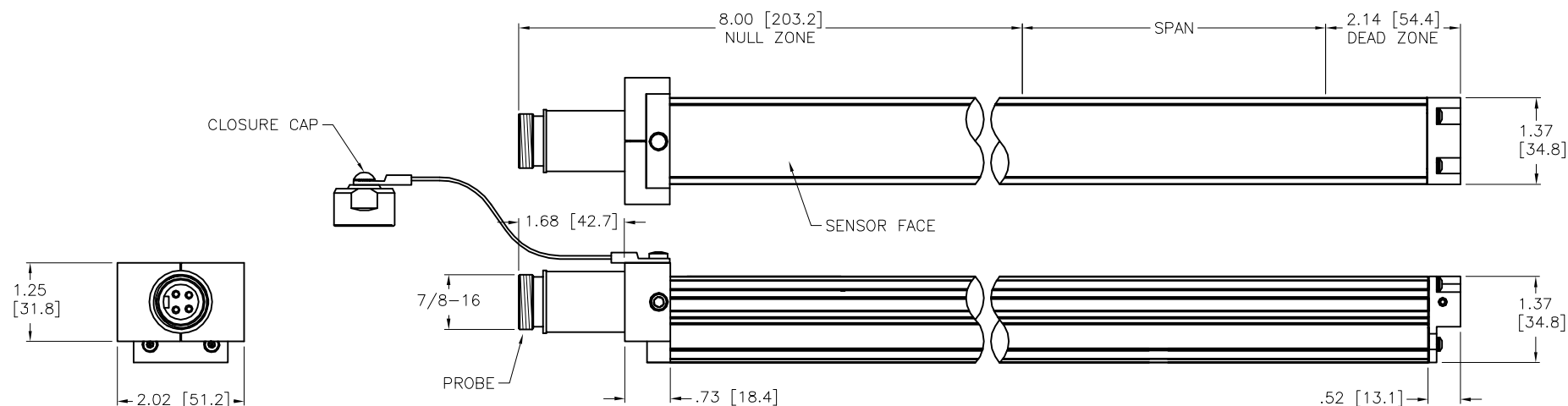


- 1 = LOOP OUT (-)
2 = PROGRAM INPUT
3 = LOOP IN (+)
4 = GROUND



SPECIFICATIONS: STAINLESS STEEL PROBE

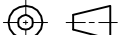
OUTPUT	4–20 mA, 20–4mA
SPAN	42"
REPEATABILITY	0.014" + 0.05% of PROGRAMMABLE SPAN TYP. MAX. 0.014" + 0.4% of SPAN
RESOLUTION	0.025% of PROGRAMMABLE SPAN/0.02", WHICHEVER IS GREATER
OPERATING TEMPERATURE	-40°C to +70°C (-40°F to +158°F)
BM-30/BMS-30 MOUNTING DISTANCE FROM SENSOR FACE	0.125" - 0.5"
NULL ZONE	8.0"
DEAD ZONE	2.0"
OPERATING VOLTAGE	13.5–30 VDC
CURRENT CONSUMPTION	LOOP POWERED
ENCLOSURE RATING	IP68 (PROBE ONLY)
ACCURACY	0.1% of PROGRAMMABLE SPAN OR 0.050"
READING RATE	40 ms
ELECTRONICS	STAINLESS STEEL 316L
ROD	STAINLESS STEEL 316L
AGENCY APPROVALS	FM/ATEX
FM APPROVAL	GROUP IIA, IIB ZONES 0 or 1 CLASS I, DIV 1, GROUPS C&D CLASS II & III, GROUPS E, F, & G CLASS I, DIV 2, GROUPS A, B, C, & D II/1/G AEx/Ex ia T4



SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

1. "/S1993" DESIGNATES ADDING ALUMINUM Q35 EXTRUSION, ALUMINUM END CAP, STAINLESS STEEL CLOSURE CAP AND STAINLESS STEEL COUPLING TO ATTACH TO R16 PROBE FOR RIGIDITY.

RELATED DOCUMENTS 1. 2. 3. 4.	3RD ANGLE PROJECTION	THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED. TURCK 3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us					
							
MATERIAL SEE SPECS	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION	DRFT	NF	DATE	04/25/18	DESCRIPTION LT42E-R16-3LI0-EX-B1140/S1993	
		APVD	K.H.	SCALE	1=2.7		
FINISH		UNIT OF MEASUREMENT INCH [MILLIMETER]	IDENTIFICATION NO. LT1102				REV B
		DO NOT SCALE THIS DRAWING				FILE: LT1102	SHEET 1 OF 1

B	UPDATED REPEATABILITY SPECIFICATION	AS	11/07/25	81497
REV	DESCRIPTION	BY	DATE	ECO NO.