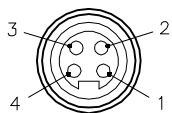


MALE END VIEW

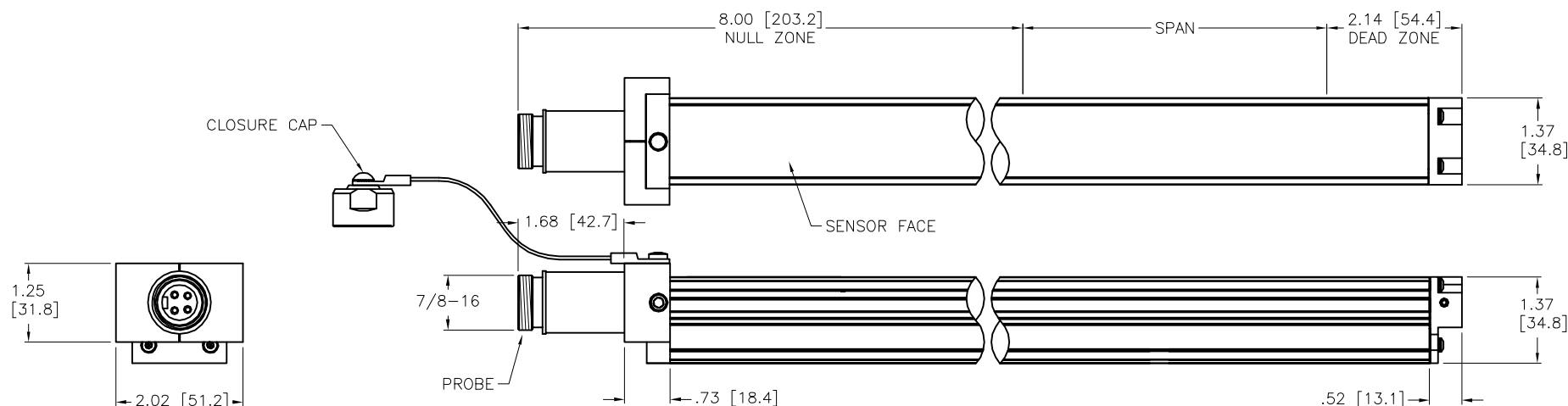


1 = LOOP OUT (-)
2 = PROGRAM INPUT
3 = LOOP IN (+)
4 = GROUND



SPECIFICATIONS: STAINLESS STEEL PROBE

OUTPUT	4–20 mA, 20–4mA
SPAN	12"
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	
		DRFT AS	DATE 05/13/25		
		APVD C.O.	SCALE 1=2.7		
		UNIT OF MEASUREMENT INCH [MILLIMETER]		DESCRIPTION LT12E-R16-3LI0-EX-B1140/S1993	
MATERIAL SEE SPECS	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION	IDENTIFICATION NO. LT1096		REV B	
FINISH		DO NOT SCALE THIS DRAWING		FILE: LT1096	
B		UPDATED REPEATABILITY SPECIFICATION		AS 11/07/25 81497	
REV	DESCRIPTION		BY	DATE	ECO NO.