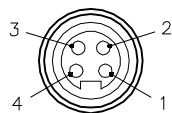


MALE END VIEW

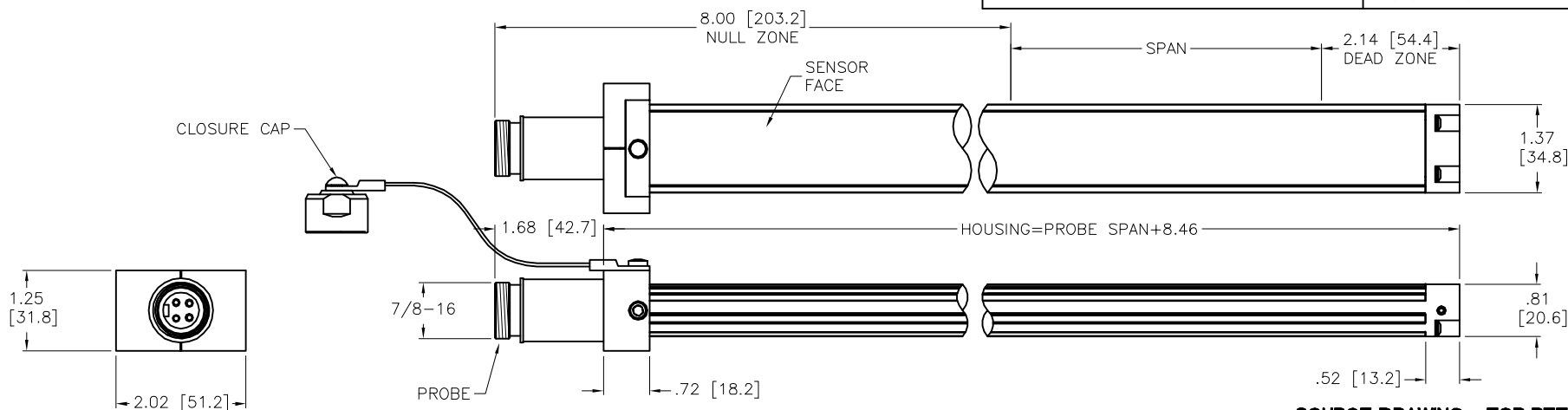


1 = LOOP (-)
2 = PROGRAM INPUT
3 = LOOP (+)
4 = GROUND



SPECIFICATIONS: STAINLESS STEEL PROBE

OUTPUT	4-20 mA, 20-4mA
SPAN	0-54.0"
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. "/S1991" DESIGNATES ADDING ALUMINUM Q21 EXTRUSION, ALUMINUM END CAP, STAINLESS STEEL CLOSURE CAP AND STAINLESS STEEL COUPLING TO ATTACH TO R16 PROBE FOR RIGIDITY.

RELATED DOCUMENTS		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					
1. 2. 3. 4.													
MATERIAL SEE SPECS		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		DRFT		AS		DATE		03/05/25		DESCRIPTION LT54E-R16-3LI0-EX-B1140/S1991	
				APVD		K.H.		SCALE		1=2.7			
FINISH		CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT				IDENTIFICATION NO. LT1099				REV B	
				INCH [MILLIMETER]									
				DO NOT SCALE THIS DRAWING				FILE: LT1099				SHEET 1 OF 1	