

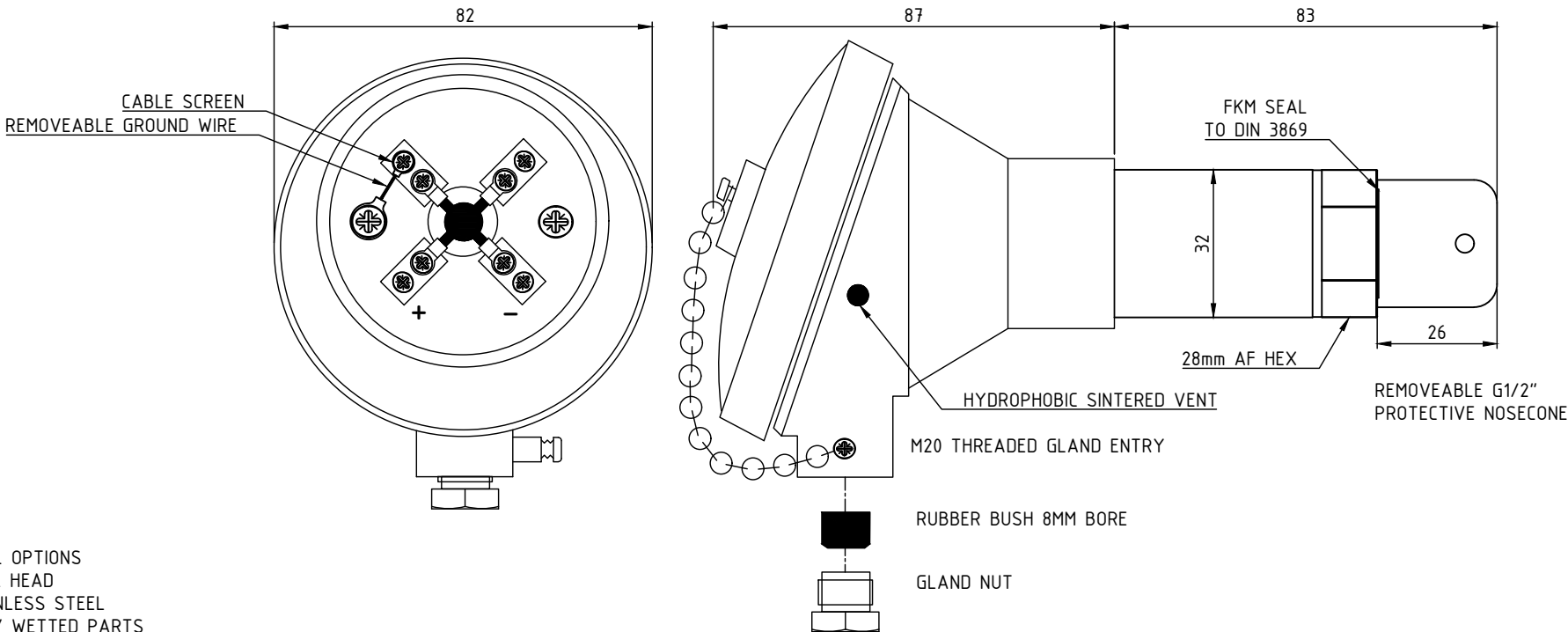
APT590 CONNECTIONS		
+	POSITIVE	SUPPLY 4-20mA
-	NEGATIVE	
⏏	CABLE SCREEN	

*GROUND WIRE TO REMAIN FITTED IF SENSOR IS GROUNDED VIA ITS MOUNTING THREAD AND REMOVED IF THE SIGNAL CABLE SCREEN IS USED FOR GROUND CONNECTION.

OPTIONAL MOUNTING FLANGE						
FLANGE (RAISED FACE)	HOLES	PCD (mm)	BOLD SIZE	A (mm)	B MINIMUM (mm)	MATERIAL
DN20 PN16	4	75	M12	105	18	316SS
DN25 PN16	4	85	M12	115	18	316SS
DN40 PN16	4	110	M16	150	18	316SS
DN50 PN16	4	125	M16	165	18	316SS
1" ANSI 150LB	4	79	1/2"	114	18	316SS
1" ANSI 300LB	4	89	5/8"	125	18	316SS
2" ANSI 150LB	4	121	5/8"	152	18	316SS

REV	DATE	DESCRIPTION	NAME
A	2025-11-10	FIRST ISSUED	SM

NOTE:
FLANGE THICKNESS (B) MUST BE MINIMUM 18MM TO PROVIDE PROTECTION FOR SENSOR DIAPHRAGM.
ALL FLANGES SUPPLIED LOOSE FOR CUSTOMER TO FIT.
REFER TO INSTRUCTION DRAWING S-001518.
OTHER FLANGE SIZES ARE AVAILABLE.
REFER TO PSM



MATERIAL OPTIONS
 TERMINAL HEAD
 316 STAINLESS STEEL
 SENSOR / WETTED PARTS
 ALL 316 ST/STL
 ALL TITANIUM
 HASTELLOY PROCESS CONNECTION / TANTALUM DIAPHRAGM / STAINLESS BODY



DESCRIPTION: APT 590 TRANSMITTER WITH SS TERMINAL HEAD	1 ST ANGLE	ISSUED DATE: 2025-11-10	ISSUED BY: SM	REVISION: A	WEIGHT: -	SCALE: NTS
		APPROVED DATE: 2025-11-10	APPROVED BY: MJ	SHEET: 1/1	DRAWING NO: S-001553-APT-GA	

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