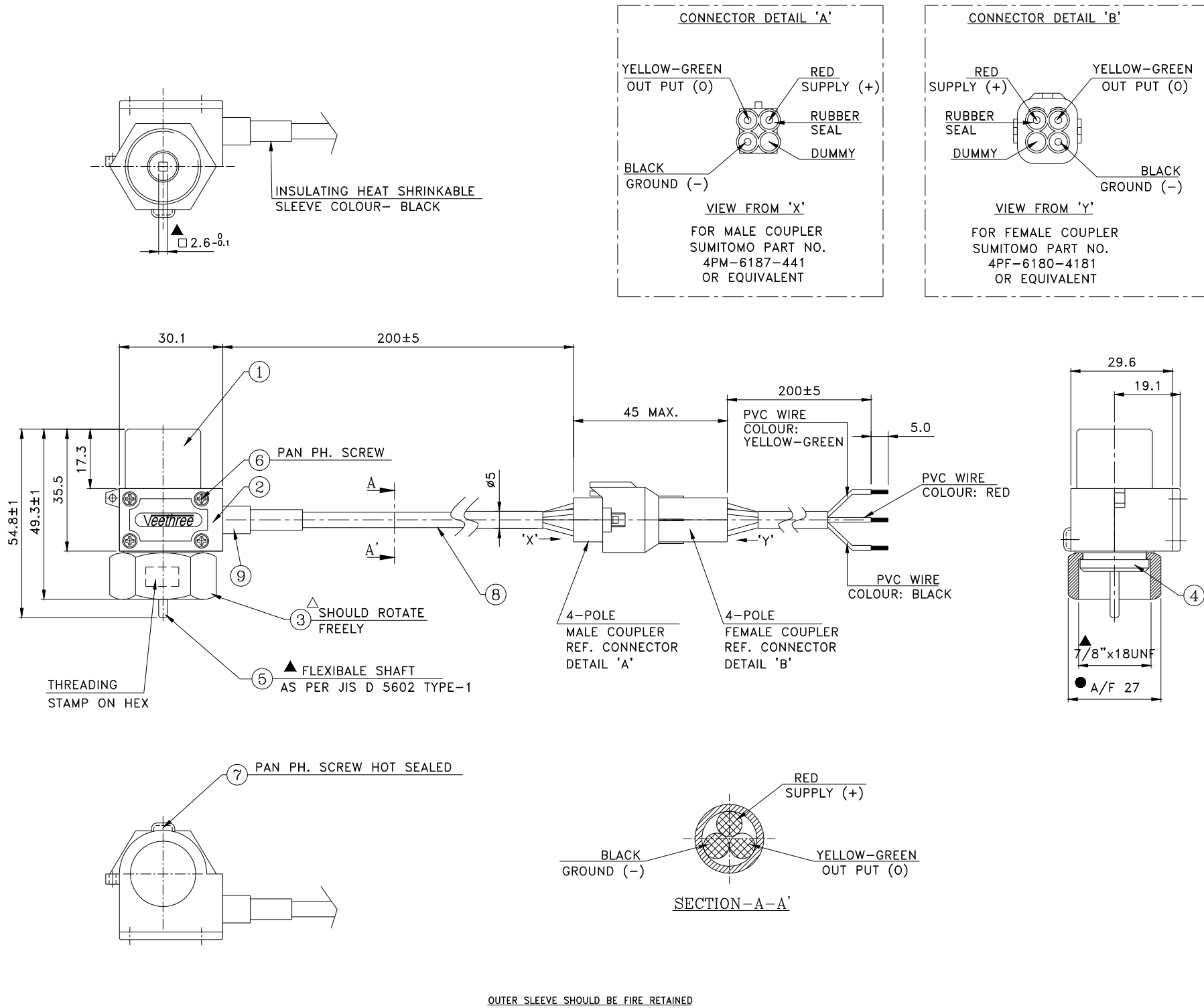




VEHICLE SPEED SENSOR (HALL EFFECT TYPE)

A. MECHANICAL:

1. SIZE AND DETAILS AS SHOWN ON THE DRAWING.
2. OPERATING TEMPERATURE : -40°C TO +85°C
3. PROTECTION CLASS : IP67
4. STORAGE TEMPERATURE : -40°C TO +85°C
5. SEEPAGE OF GEAR BOX OIL INTO SENSOR SHOULD NOT AFFECT THE PERFORMANCE.
6. GREASE IN USE SHALL BE MULTIPURPOSE M NO. 2 OR EQUIV.
7. DIRECTION OF ROTATION: BOTH SIDE (CLOCKWISE & ANTI-CLOCKWISE)

B. ELECTRICAL:

1. OPERATING VOLTAGE RANGE : 8 V TO 32 V DC
2. MAXIMUM SUPPLY VOLTAGE : 32 V DC
3. NO. OF O/P PULSES / REV. : 8
4. WAVEFORM:
 - i) LOW LEVEL O/P (V LOW) : ≤ 1 V
 - ii) HIGH LEVEL O/P (V HIGH) : ≥ 8 V
 - iii) RISE TIME : ≤ 3.5 MICRO-SECONDS
 - iv) FALL TIME : ≤ 0.5 MICRO-SECONDS
5. CURRENT CONSUMPTION AT 12 V DC (NO LOAD) : 7 mA MAX.
6. PULL UP RESISTOR : PULL UP RESISTOR OF 1.5K (INTERNAL)

9	BUSH	ALLUMINIUM	-
8	CORD ASSY.	PVC	0.75 SQ.mm OUTER SLEEVE SHOULD BE FIRE RETAINED (COLOUR- GREY) AND WITHSTAND TEMP. 150°C
7	PH. SCREW (SELF TAPPING)	M.S.	Zn PLATED YELLOW
6	PH. SCREW (SELF TAPPING)	M.S.	Zn PLATED BLUE
5	SHAFT	COLD DRAWN STEEL WIRE AS PER IS:4454, GRADE-II	-
4	BUSH	BRASS	-
3	HEX. NUT	ALLUMINIUM	-
2	COVER	NYLON 66 (GF 33%)	BLACK
1	BODY	NYLON 66 (GF 33%)	BLACK
S.No.	PART NAME	MATERIAL	REMARKS

CLASSIFICATION OF CHARACTERISTICS

CRITICAL ▲
 MAJOR ●
 KEY INSTRUCTION △

								INDICATION INSTRUMENTS LTD. FARIDABAD (HARYANA)			
No.	MODIFICATIONS	DATE	CHKD.	APPD.	No.	MODIFICATIONS	DATE	CHKD.	APPD.	SCALE 1:1	DO NOT SCALE THE DRAWING
				CUSTOMER :				ALL DIMENSIONS IN mm.			
				VEHICLE MODEL				REF. DRG. No:-			
DRN. S.K.Mourya 21.10.08				USED IN				DRG. No. 710918			
CHKD.				TITLE				MOD.NO.			
APPD.				ELECTRONIC SPEED SENSOR							