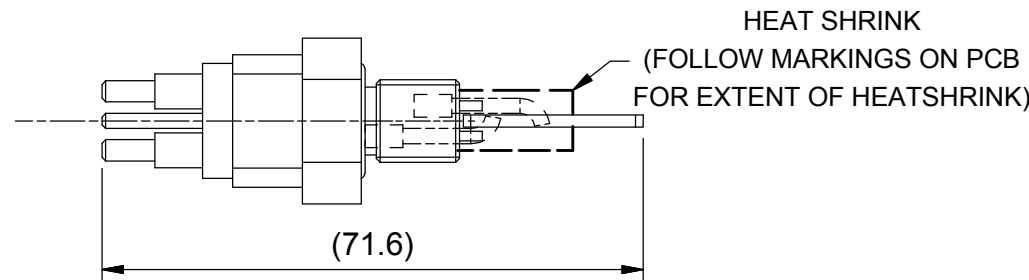


PIN CONNECIIONS		
PIN	CONNECTION	FUNCTION
1	WATER INGRESS SENSOR	+24V
2	WATER INGRESS SENSOR	SIGNAL
3	TEMPERATURE SENSOR	+
4	TEMPERATURE SENSOR	-



NOTES:

- 1) TEST RESISTANCE ACROSS PINS 1&2 (1MΩ) AND PINS 3 & 4(≈110Ω) ON ASSEMBLY
- 2) ON ASSEMBLY BAG ITEM WITH SMD P/N AND ISSUE LEVEL
- 3) FOR FURTHER DETAILS AND INSTRUCTIONS ON UNIT SEE SEPERATE USER MANUAL

PARTS LIST

ITEM	QTY	PART No	DESCRIPTION
1	1	AK9562	PCB WATER INGRESS/TEMPRATURE SENSOR
2	1	PJ0879	CONNECTOR MCBH-4-MP SS IMPULSE

GENERAL SPECIFICATION

TYPE	VALUE
DEPTH RATING	6000m
FUNCTION	COMBINED WATER INGRESS SENSOR & PT100 TEMPERATURE SENSOR
MOUNTING LOCATION	DESIGNED FOR INSTALLATION IN AREAS OF LOW OIL FLOW IE. RESEVOIRS; OIL GALLERIES IN MANIFOLDS
OIL COMPATIBILITY	MINERAL OIL AND SOME ENVIRONMENTAL OILS (HEES)
DESIGN VOLTAGE	12-24V NOMINAL SUPPLY
WATER INGRESS SENSOR	100% SUPPLY VOLTAGE = DEAD SHORT / WATER INGRESS 12.5% SUPPLY VOLTAGE = ZERO WATER INGRESS <12% SUPPLY VOLTAGE = FAULT (WIRING)
TEMPERATURE SENSING OUTPUT	100Ω @ 0°C 107.7Ω @ 20°C 138.5Ω @ 100°C WILL REQUIRE CALIBRATION. SEE MANUAL FOR FURTHER DETAILS.

REV	DATE	CHANGE COMMENT	DRAWN	CHECKED	APPD	DATE	EST. MASS	DIMENSIONS	SCALE	PROJECTION 3RD	TITLE			
1	27 JUN 18	REPLACED PT-100 WITH AK9562	SR	RJP	MvZ	27JUN2018	0.1 kg	mm	2:1		ASSEMBLY TEMP AND WATER INGRESS SENSOR RESERVOIR / COMPENSATOR			
								TOLERANCES UNLESS OTHERWISE STATED						
								DIMENSIONS mm	UP TO 100	100 TO 300	300 TO 1000	OVER 1000	MATERIAL:- SEE PARTS LIST	
								FABRICATION	± 1.0	± 1.5	± 2.0	± 3.0	DO NOT SCALE	DRAWING No
								MACHINED PART	± 0.15	± 0.4	± 0.8	± 1.0	IF IN DOUBT ASK	REV No.
														SIZE

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