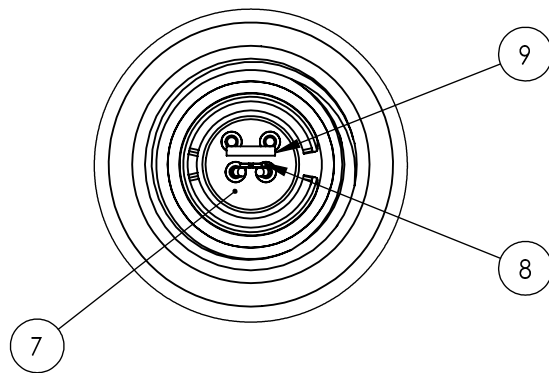
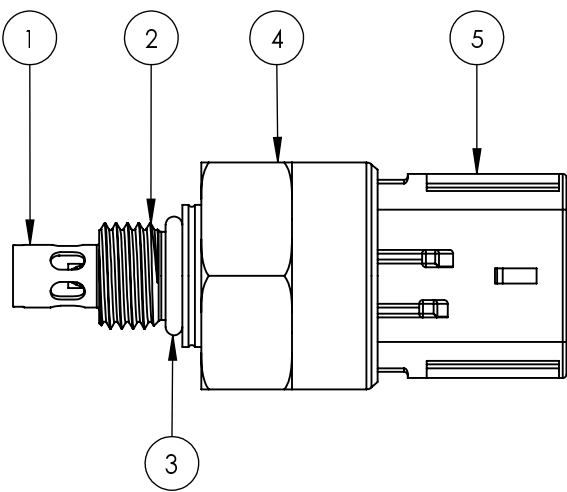
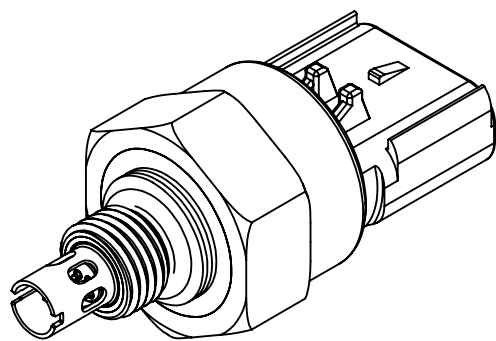
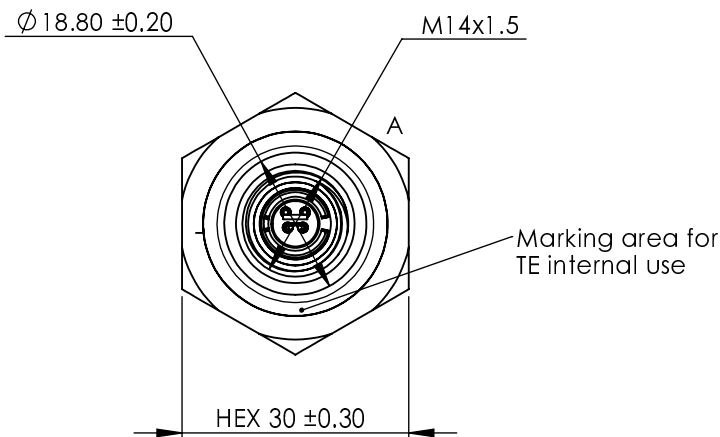
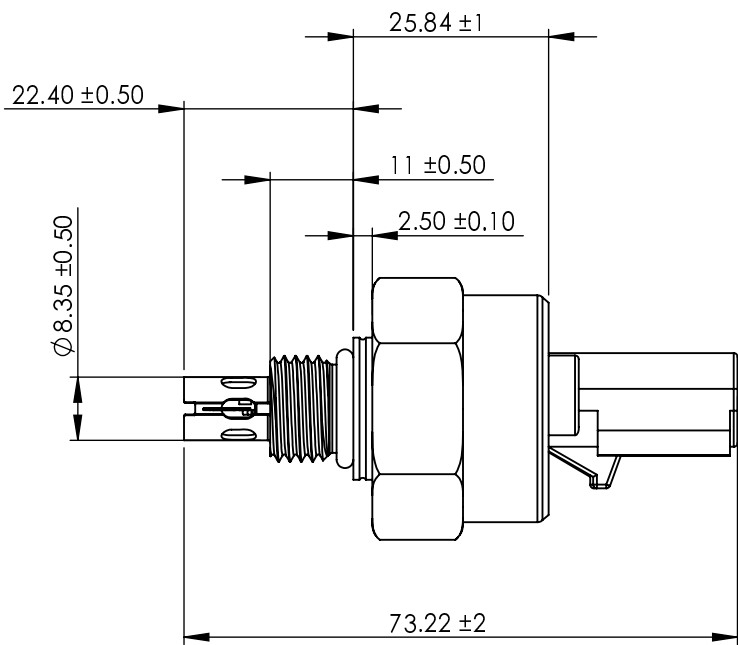
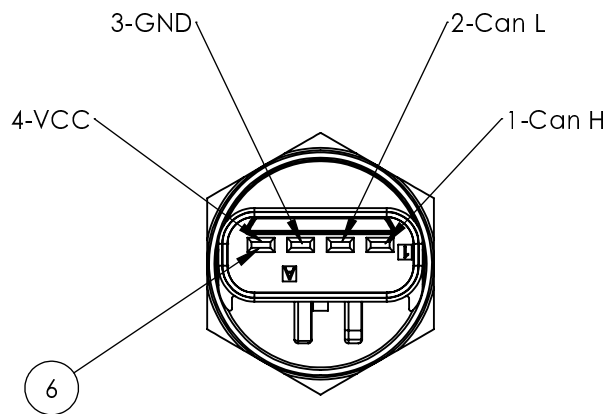


Rev	Status	ECR	Description	Design	Approved	Date
1	Release	-	Original issue	Y. Vidal	J. Duclos	10/01/2020
2	Release	-	Housing assembly marking deleted Marking for internal TE use added Connector reference and mating connector reference added	J. Laurens	J. Duclos	20/05/2020
			Release to production			28/05/2020
3	Release	-	Sensor marking updated: LL-YYWW-XXX replaces LL-YYWW-XXX Bill of material updated	Y. Vidal	J. Duclos	30/10/2020
4	Release	-	Marking updated D3	Y. Vidal	M. Audubert	28/07/2021
			Dimension updated: M14x1.5 replaces Ø14x1.5 HEX 30±0.3 replaces 30±0.5			
			Dimension added: Ø8.35±0.5 2.5±0.1 Description updated B2 B2 B3 B3 B1			
5	Release	-	Release for Production Mating Connector PN Updated	S. Payzal	M.Audubert	21/03/2022
G	Release	-	Internal Doc Type Update for referencing. Modification to Rev G to comply with TE rules for production state identification. Variant 10131380-05 & -06 Added	S. Payzal	M.Audubert	16/03/2023



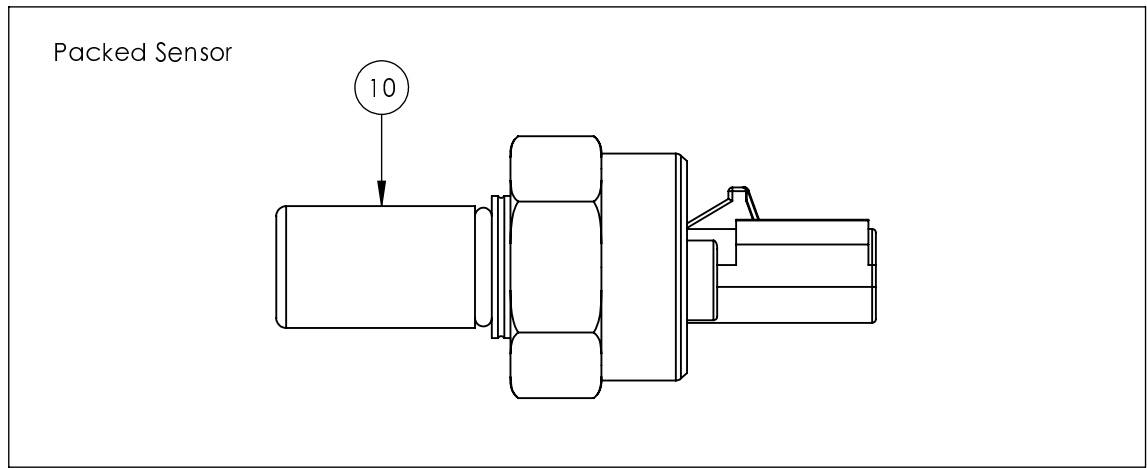
DETAIL A
Sensing Area



PRODUCT VARIANTS		
TE CONNECTIVITY P/N	DESCRIPTION	MATING CONNECTOR P/N
10131380-00	OPS3-C4-A 12/24V	15425692
10131380-01	OPS3-C4-B 12/24V	15324787
10131380-02	OPS3-C4-C 12/24V	13854439
10131380-03	OPS3-C4-D 12/24V	13755420
10131380-05	OPS3-C4-A 12/24V-500K	15425692
10131380-06	OPS3-C4-A 12/24V-No Rp	15425692

10	Header Cap	1	Vinyl	-
9	Temperature RTD	1	-	-
8	Tuning Fork	1	-	-
7	Header	1	Stainless Steel	-
6	Pin Contact	4	Copper Alloy	Plating : Gold
5	Connector	1	LCP	-
4	Body	1	Stainless Steel	-
3	O-Ring Ø11.3xØ2.2	1	FVMQ	-
2	Screw	1	Stainless Steel	-
1	Shroud	1	Stainless Steel	-
N°	Designation	Quantity	Material	Note
BILL OF MATERIAL (Associated components are not to be ordered separately)				

SENSOR CHARACTERISTICS	
Nominal tightening torque	27Nm $\pm$ 20% < 80rpm
Supply voltage	12V / 24V
Inrush current	Compliant 2A ATO or minifuse
Operating temperature	-40°C TO 125°C ON CONNECTOR SIDE
	-40°C TO 150°C ON SENSING AREA SIDE
Storage temperature	-50°C TO 150°C
Mounting interface	According to SAE-J2244/1 (ISO-61 49-1)



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN Y. Vidal		 TE Connectivity							
		CHK M. Dardier									
DIMENSIONS: millimeters	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC - 1 PLC - 2 PLC - 3 PLC - 4 PLC - ANGLES -		APVD M. Audubert		NAME OPS3-C4 12/24V STD						
			PRODUCT SPEC FPC127								
			APPLICATION SPEC FPC128								
			SIZE	CAGE CODE					DRAWING NO		RESTRICTED TO
			A2	-					 10131380		-
MATERIAL	FINISH	WEIGHT (g) 63 ± 10%									
See bill of material	-	CUSTOMER DRAWING				SCALE	2:1	SHEET	1 OF 1	REV	-