
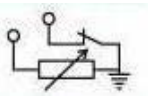

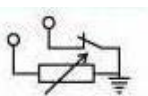


OIL PRESSURE SENSORS



OIL PRESSURE SENSOR

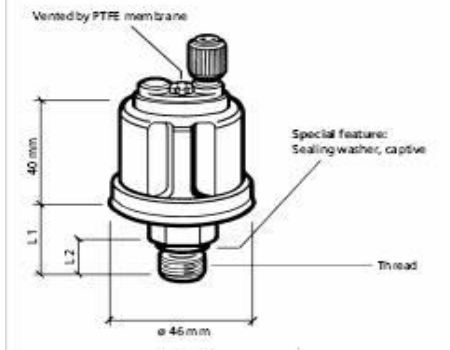
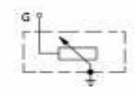

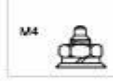



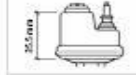
NO.	OE NO.	Ref-1(VDO)	Ref-2(DT)	Ref-3(TT)	Ref-4	DESCRIPTION	PICTURE	SPECIFICATION				
								Key Tech.	(outer diameter of hexagonal nut)	(Thread)	(Terminal)	(Circuit)
1	002 542 1717	360-081-034-004C	4,60689	01.42.044	70542000	MERCE NG MERCE O/TOURISMO BUS OIL PRESSURE SENSOR		0- 5bar/0.25 bar	24	M18*1.5	 M5 M4	
2	004 542 8917	360-081-029-065C	4,60478	01.42.036	70542003	MERCE LK/LN2,MK,NG MERCE O BUS MERCE K,T2/LN1,UNIMOG OIL PRESSURE SENSOR		0-5bar	19	M14*1.5	 M4	
3	004 542 4317	360-081-029-059C	4,60677	01.42.033	70542001	MERCE MK,NG,O BUS,SK OIL PRESSURE SENSOR		0-5bar	24	M18x1.5	 M4	
4	001 542 5617	360-081-034-002C	4,60688	01.42.043		MERCE O BUS VOLVO 440K/460L/480E OIL PRESSURE SENSOR		0-5bar; 0.25bar	19	M14*1.5	 M5 M4	







NO.	OE NO.	Ref-1(VDO)	Ref-2(DT)	Ref-3(TT)	Ref-4	DESCRIPTION	PICTURE	SPECIFICATION				
								Key Tech.	(outer diameter of hexagonal nut)	(Thread)	(Terminal)	(Circuit)
5	3344174-2	61/7				VOLVO 440K/460L/480E OIL PRESSURE SENSOR		0-5bar	M14*1.5			
6	275750	360-081-030-063C	1,21135			SCANIA OIL PRESSURE SENSOR		0-10bar	M14*1.5			
7	373811	360-081-061-003C	1,21145			SCANIA 3,4 OIL PRESSURE SENSOR		0-10bar	M14*1.5			
8	374338	360-081-061-002C (61/2,61/3)	1,21147			SCANIA 3,4		0-10bar	M14*1.5			

OIL PRESSURE SENSORS, TEMPERATURE SENSORS AND TEMPERATURE SWITCHES

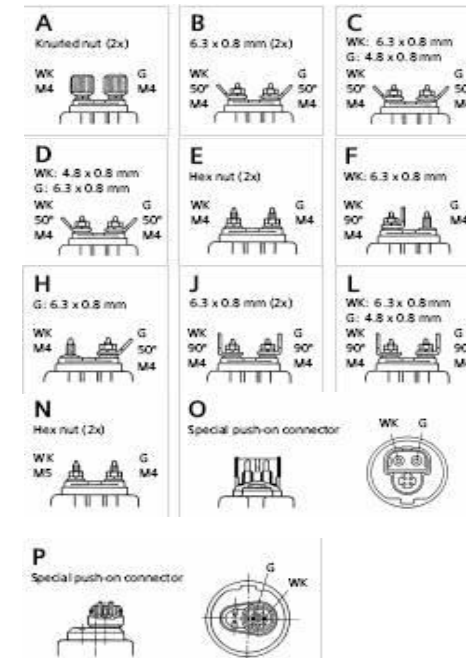
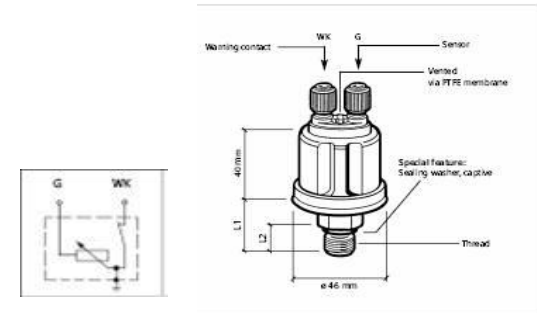








OIL PRESSURE SENSORS

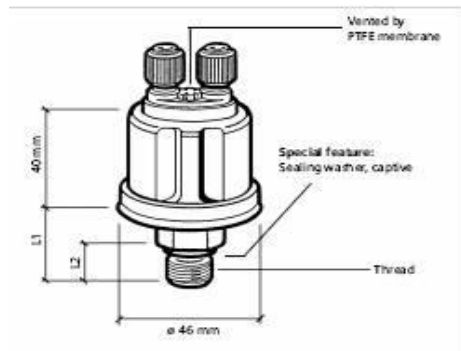
NO.	VDO NO.	OE NO.	Bar		Thread	L1 mm	L2 mm	A	Technical Data	Dimensions & Circuit Diagram & Type of Connection
			↔	↔						
1	360-081-029-001C		3	-	M10 x 1 con. Short	19,5	11	A	<p>Rated voltage: 6 V to 24 V</p> <p>Overpressure safety: 30 bar, 40 bar or 50 bar max. (short periods only for 2 sec)</p> <p>Operating temperature: -25° C to +100° C (up to +120° C for 1 hour max. at threaded connector)</p> <p>Resistance range: 10 Ω to 184</p>	 <p style="text-align: center;">A-G</p>  <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <p>A Knurled nut M4</p>  </div> <div style="width: 33%;"> <p>B Hex nut M4</p>  </div> <div style="width: 33%;"> <p>D 6.3 x 0.8 mm 50° M4</p>  </div> <div style="width: 33%;"> <p>E 6.3 x 0.8 mm 90° M4</p>  </div> <div style="width: 33%;"> <p>F Connector pin ø 4 mm M4</p>  </div> <div style="width: 33%;"> <p>G Connector pin ø 4 mm 25 mm</p>  </div> </div>
2	360-081-029-001K		3	-	M10 x 1 con. Short	19,5	11	A		
3	360-081-029-004C		5	-	1/8 - 27 NPTF	19,5	11	A		
4	360-081-029-008C		5	-	1/4 - 18 NPTF	23,8	15,3	A		
5	360-081-029-010C		10	-	M10 x 1 con. Short	19,5	11	A		
6	360-081-029-010K		10	-	M10 x 1 con. Short	19,5	11	A		
7	360-081-029-012C		10	-	1/8 - 27 NPTF	19,5	11	A		
8	360-081-029-012K		10	-	1/8 - 27 NPTF	19,5	11	A		
9	360-081-029-013C		10	-	M12 x 1.5	20,5	12	A		
10	360-081-029-013K		10	-	M12 x 1.5	20,5	12	A		
11	360-081-029-020C		10	-	1/4 - 18 NPTF	23,8	15,3	A		
12	360-081-029-025C		5	-	M18 x 1.5	20,5	12	A		
13	360-081-029-025K		5	-	M18 x 1.5	20,5	12	A		
14	360-081-029-026C		5	-	M14 x 1.5	20,5	12	A		
15	360-081-029-026K		5	-	M14 x 1.5	20,5	12	A		
16	360-081-029-033C		10	-	M14 x 1.5	20,5	12	A		
17	360-081-029-038C		10	-	M14 x 1.5	20,5	12	D		
18	360-081-029-041C		5	-	1/8 - 27 NPTF	19,5	11	E		
19	360-081-029-042C		10	-	1/8 - 27 NPTF	19,5	11	D		
20	360-081-029-059C		5	-	M18 x 1.5	20,5	12	B		
21	360-081-029-062C		10	-	R 1/8 DIN 2999	19,5	11	D		
22	360-081-029-065C		5	-	M14 x 1.5	25,5	12	B		
23	360-081-029-085C		5	-	M12 x 1.5	20,5	12	A		
24	360-081-029-087C		3	-	M12 x 1.5	20,5	12	F		
25	360-081-032-004C		10	-	M12 x 1.5	20,5	12	A		
26	360-081-032-067C		10	-	1/8 - 27 NPTF	19,5	10	F		
27	360-081-052-003C		3	-	M12 x 1.5	20,5	12	G		
28	360-094-001-002C		10	-	R 1/8 Din 2999	19,5	11	A		

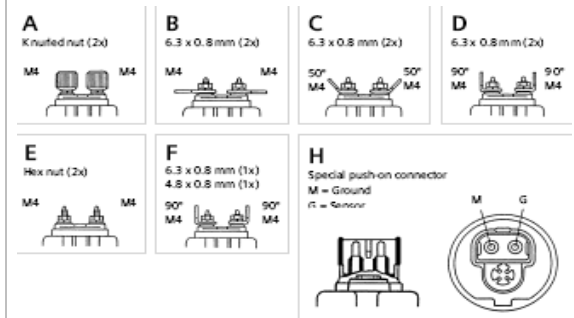
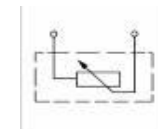
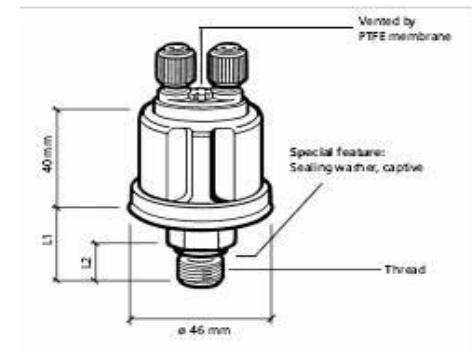
NO.	VDO NO.	OE NO.							Technical Data
29	360-081-030-001C		5	0.25 + 0.15	M10 x 1 con. Short	19,5	11	A	<p>Rated voltage: 6 V to 24 V</p> <p>Overpressure safety: 30 bar or 50 bar max. (short periods only for 2 sec)</p> <p>Warning contact: Closes as pressure falls</p> <p>Switching capacity of warning contact: 5 W max. non-inductive Operating temperature: -25° C to +100° C (up to +120° C for 1 hour max. at threaded</p>
30	360-081-030-001K		5	0.25 + 0.15	M10 x 1 con. Short	19,5	11	A	
31	360-081-030-002C		5	0.5 ± 0.15	M10 x 1 con. Short	19,5	11	A	
32	360-081-030-002K		5	0.5 ± 0.15	M10 x 1 con. Short	19,5	11	A	
33	360-081-030-004C		5	0.7 ± 0.15	M10 x 1 con. Short	19,5	11	A	
34	360-081-030-006C		5	0.6 ± 0.15	M12 x 1.5	20,5	12	A	
35	360-081-030-008C		5	0.5 ± 0.15	M12 x 1.5	20,5	12	A	
36	360-081-030-009C		10	0.5 ± 0.15	M10 x 1 con. Short	19,5	11	A	
37	360-081-030-009K		10	0.5 ± 0.15	M10 x 1 con. Short	19,5	11	A	
38	360-081-030-010C		5	1.4 ± 0.3	1/8 - 27 NPTF	19,5	11	A	
39	360-081-030-014C		5	0.6 ± 0.15	M10 x 1 con. Short	19,5	11	A	
40	360-081-030-015C		10	0.8 ± 0.3	1/8 - 27 NPTF	19,5	12	A	
41	360-081-030-017C		10	0.9 ± 0.15	M10 x 1 con. Short	19,5	11	A	
42	360-081-030-018C		5	1.2 ± 0.15	M10 x 1 con. Short	19,5	11	A	
43	360-081-030-019C		10	1.5 ± 0.15	M12 x 1.5	20,5	12	A	
44	360-081-030-020C	80 PSI	8 ± 2.0 PSI	1/4 -18 NPTF	23,8	15,3	A		
45	360-081-030-022C		10	0.5 ± 0.15	M12 x 1.5	20,5	12	A	
46	360-081-030-023C	80 PSI	6 ± 2.0 PSI	1/8 - 27 NPTF	19,5	11	A		
47	360-081-030-025C		5	0.4 ± 0.2	M18 x 1.5	20,5	12	B	
48	360-081-030-028C		5	0.5 ± 0.15	M14 x 1.5	20,5	12	A	
49	360-081-030-028K		5	0.5 ± 0.15	M14 x 1.5	20,5	12	A	
50	360-081-030-030C		10	0.7 ± 0.15	M14 x 1.5	20,5	12	A	
51	360-081-030-031C		10	0.5 ± 0.15	M10 x 1 con. Short	19,5	11	B	
52	360-081-030-032K		10	0.5 ± 0.15	M14 x 1.5	20,5	12	A	
53	360-081-030-032C		10	0.5 ± 0.15	M14 x 1.5	20,5	12	A	
54	360-081-030-033C		5	0.4 ± 0.1	M14 x 1.5	20,5	12	F	
55	360-081-030-036C		5	0.5 ± 0.15	M18 x 1.5	20,5	12	A	
56	360-081-030-036K		5	0.5 ± 0.15	M18 x 1.5	20,5	12	A	
57	360-081-030-037C		10	0.75 ± 0.2	M18 x 1.5	20,5	12	A	
58	360-081-030-039C		10	0.75 ± 0.15	M10 x 1 con. Short	19,5	11	B	
59	360-081-030-041C		10	2 ± 0.3	M10 x 1 con. Short	19,5	11	A	
60	360-081-030-049C		5	0.4 ± 0.1	1/8 - 27 NPTF	19,5	11	A	
61	360-081-030-049K		5	0.4 ± 0.1	1/8 - 27 NPTF	19,5	11	A	
62	360-081-030-052C		10	0.5 + 0.2 / -0.1	1/8 - 27 NPTF	19,5	11	A	
63	360-081-030-053C		5	0.25 ± 0.15	M18 x 1.5	20,5	12	B	
64	360-081-030-063C		10	1 ± 0.15	M14 x 1.5	20,5	12	B	
65	360-081-030-065K		5	0.4 ± 0.15	R 1/8 DIN 2999	19,5	11	B	







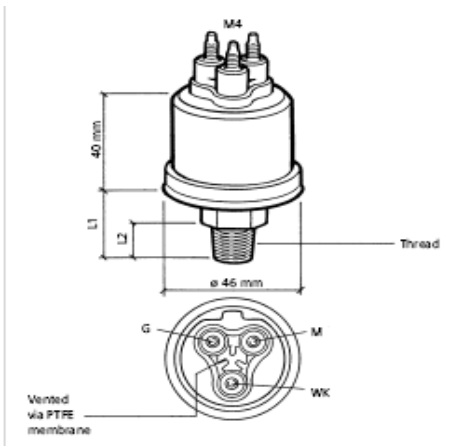
Dimensions & Circuit Diagram & Type of Connection

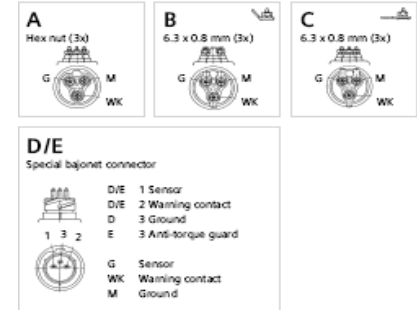


NO.	VDO NO.	OE NO.							Technical Data	Dimensions & Circuit Diagram & Type of Connection
66	360-081-030-070C		10	0.5 ± 0.2	M18 x 1.5	20,5	12	B	connector) Resistance range: 10 Ω to 184 Ω	
67	360-081-030-071C		5	0.4 ± 0.15	M14 x 1.5	20,5	12	F		
68	360-081-030-074C		10	0.5 ± 0.2	M18 x 1.5	20,5	12	A		
69	360-081-030-075C		10	5 ± 0.3	M14 x 1.5	20,5	12	H		
70	360-081-030-078C		10	1 ± 0.15	M14 x 1.5	20,5	12	E		
71	360-081-030-086C		5	0.5 + 0.2/ -0.1	1/8 - 27 NPTF	19,5	11	C		
72	360-081-030-097C		5	0.5 ± 0.15	M14 x 1.5	20,5	12	B		
73	360-081-030-100C		10	4 + 0.5	1/8 - 27 NPTF	19,5	11	B		
74	360-081-030-106C		10	0.5 ± 0.2	M10 x 1.0	18,5	10	J		
75	360-081-030-107C		10	5.5 ± 0.3	M16 x 1.5	20,5	12	D		
76	360-081-030-112C		10	1.35 ± 0.15	M10 x 1.0	18,5	10	L		
77	360-081-030-119C		5	1.4 ± 0.3	1/8 - 27 NPTF	19,5	11	J		
78	360-081-030-122C		10	0.75 ± 0.2	M18 x 1.5	20,5	12	D		
79	360-081-030-132C		10	0.5 ± 0.15	M18 x 1.5	20,5	12	A		
80	360-081-030-138C		10	1.25 ± 0.3	1/8 - 27 NPTF	19,5	10	L		
81	360-081-030-152C		10	5.2 ± 0.5	M10 x 1 con. Short	19,5	11	J		
82	360-081-030-154C		7	10 ± 2 PSI	1/8 - 27 NPTF	19,5	10	N		
83	360-081-030-157C		5	0.5 ± 0.15	M18 x 1.5	20,5 ± 0.5	12 ± 0.5	L		
84	360-081-034-002C		5	0.25 ± 0.15	M14 x 1.5	20,5	12	N		
85	360-081-034-004C		5	0.25 ± 0.15	M18 x 1.5	20,5	12	N		
86	360-081-061-002C		10	0.7 ± 0.15	M14 x 1.5	20,5	12	O		
87	360-081-061-003C		10	1 ± 0.15	M14 x 1.5	20,5	12	O		
88	360-081-061-006C		10	5 ± 0.3	M12 x 1.5 con. Short	21,5	13	O		
89	360-081-062-002A		5	0.4 ± 0.2	M14 x 1.5	20,5	12	P		
90	360-081-062-003C		10	5.5 ± 0.3	M14 x 1.5	20,5	12	P		
91	360-081-062-004A		5	1 ± 0.2	M14 x 1.5	20,5	12	P		
92	360-081-062-005A		10	3 ± 0.3	M14 x 1.5	20,5	12	P		
93	360-081-064-003C		5	0.25 ± 0.15	M18 x 1.6	20,5	12	D		








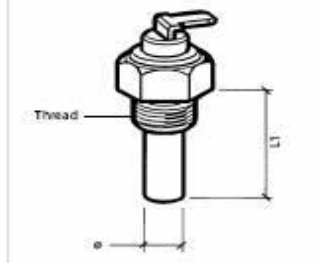
NO.	VDO NO.	OE NO.	Bar		Thread	L1 mm	L2 mm	A	Technical Data	Dimensions & Circuit Diagram & Type of Connection
			→	←						
94	360-081-032-001C		5	-	1/8 - 27 NPTF	19,5	11	A	<p>Rated voltage: 6 V to 24 V</p> <p>Overpressure safety: 30 bar or 50 bar max. (short periods only for 2 sec)</p> <p>Operating temperature: -25° C to +100° C (up to +120° C for 1 hour max. at threaded connector)</p> <p>Resistance range: 10 Ω to 184 Ω</p>	
95	360-081-032-002C		5	-	M10 x 1 con. Short	19,5	11	A		
96	360-081-032-003C		10	-	M10 x 1 con. Short	19,5	11	A		
97	360-081-032-006C		10	-	M14 x 1.5	20,5	12	A		
98	360-081-032-007C		5	-	1/8 - 27 NPTF	19,5	11	B		
99	360-081-032-008C		10	-	M18 x 1.5	20,5	12	A		
100	360-081-032-011C		2	-	M12 x 1.5	20,5	12	C		
101	360-081-032-013C		5	-	M18 x 1.5	20,8	12	A		
102	360-081-032-014C		10	-	1/8 - 27 NPTF	19,5	11	A		
103	360-081-032-016C		5	-	1/4 - 18 NPTF	23,8	15,3	A		
104	360-081-032-025C		2	-	1/8 - 27 NPTF	19,5	11	C		
105	360-081-032-052C		5	-	1/8 - 27 NPTF	19,5	11	C		
106	360-081-032-053C		10	-	M12 x 1.5	20,5	12	A		
107	360-081-032-059C		5	-	M18 x 1.5	20,5	12	E		
108	360-081-032-060C		5	-	M14 x 1.5	20,5	12	E		
109	360-081-051-012C		10	-	M16 x 1.5	20,5	12	H		
110	360-081-051-013C		7	-	1/8 - 27 Dryseal NPTF	19,5	10	H		
111	362-081-001-001K		5	-	1/8 - 27 Dryseal NPTF	19,5	10	D		
112	362-081-003-001C		5	-	1/8 - 27 NPTF	n/a	n/a	A		

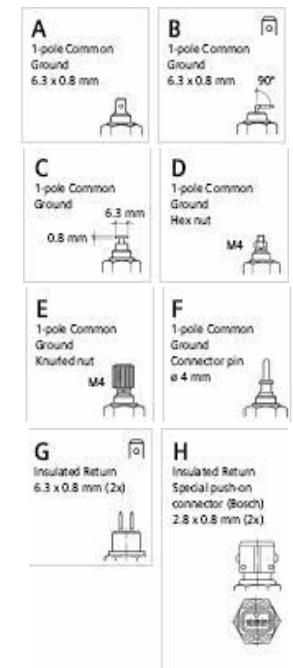









NO.	VDO NO.	OE NO.							Technical Data	Dimensions & Circuit Diagram & Type of Connection
113	360-081-039-002C		5	0.8 ± 0.15	1/8 – 27 Dryseal NPTF	19,5	11	B	<p>Rated voltage: 6 V to 24 V</p> <p>Overpressure safety: 30 bar or 50 bar max. (short periods only for 2 sec)</p> <p>Warning contact: Closes as pressure falls</p> <p>Switching capacity of warning contact: 5 W max. non-inductive</p> <p>Operating temperature: -25° C to +100° C (up to +120° C for 1 hour max. at threaded connector)</p> <p>Resistance range: 10 Ω to 184 Ω</p>	 <p>40 mm L1 L2 Thread ø 46 mm G M WK Vented via PTFE membrane</p>
114	360-081-039-003C		10	0.8 ± 0.15	1/8 – 27 Dryseal NPTF	19,5	11	B		
115	360-081-039-004C		80 PSI	10 ± 2.0 PSI	1/8 – 27 Dryseal NPTF	19,5	11	C		
116	360-081-039-007C		10	1 ± 0.15	M14 x 1.5	20,5	12	A		
117	360-081-039-008C		10	5 ± 0.3	M14 x 1.5	20,5	12	B		
118	360-081-039-015C		5	0.25 ± 0.15	1/8 – 27 Dryseal NPTF	19,5	11	B		
119	360-081-063-001C		10	5.2 ± 0.3	M12 x 1.5	20,5	12	D		
120	360-081-063-003C		16	5.5 ± 0.3	M18 x 1.5	20,5	12	D		
121	360-081-064-001C		5	0.25 ± 0.15	M18 x 1.5	20,5	12	D		
122	360-081-064-004C		10	0.6 ± 0.3	M18 x 1.5	20,5	12	D		










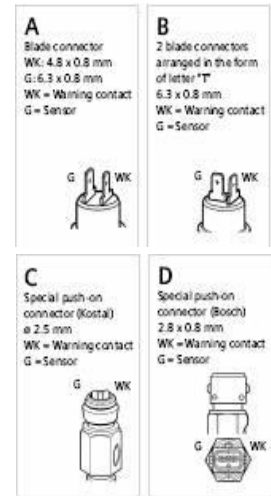
TEMPERATURE SENSORS








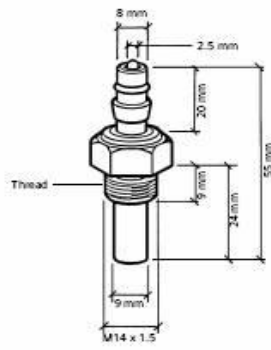
NO.	VDO NO.	OE NO.								Technical Data	Dimensions & Type of Connection
1	323-801-001-006K		120	-	90 51.2 ± 5.3	M14 x 1.5	9	29	A	<p style="text-align: center;">Version: Thermistor Rated voltage: 6 V to 24 V Temperature response time: 3 minutes minimum after switching on operating current</p>	
2	323-801-001-006N		120	-	90 51.2 ± 5.3	M14 x 1.5	9	29	A		
3	323-801-001-007N		120	-	90 51.2 ± 4.3	3/8 – 18 NPTF	9	29	A		
4	323-801-001-008N		120	-	90 51.2 ± 4.3	5/8 – 18 UNF – 3A	9	29	A		
5	323-801-001-009N		120	-	90 51.2 ± 4.3	1/4 – 18 NPTF	9	29	A		
6	323-801-001-010K		120	-	90 51.2 ± 4.3	1/2 – 14 NPTF	9	29	A		
7	323-801-001-010N		120	-	90 51.2 ± 4.3	1/2 – 14 NPTF	9	29	A		
8	323-801-001-022K		120	-	90 51.2 ± 4.3	M18 x 1.5	9	29	A		
9	323-801-001-022N		120	-	90 51.2 ± 4.3	M18 x 1.5	9	29	A		
10	323-801-001-026K		120	-	90 51.2 ± 4.3	M14 x 1.5	9	29	E		
11	323-801-001-026N		120	-	90 51.2 ± 4.3	M14 x 1.5	9	29	E		
12	323-801-001-029N		120	-	90 51.2 ± 4.3	M16 x 1.5	9	29	E		
13	323-801-001-033N		120	-	90 51.2 ± 4.3	5/8 – 18 UNF-2A with taper seat	9	29	A		
14	323-801-001-038D		100	-	90 51.5 ± 4.3	3/8 – 18 NPTF	9	29	E		
15	323-801-001-040N		120	-	90 51.2 ± 4.3	M16 x 1.5	9	29	A		
16	323-801-001-054D		120	-	90 51.2 ± 5.3	M14 x 1.5	9	29	D		
17	323-801-003-001D		200	-	160 32.2 ± 2.1	M10 x 1.5	6,9	22	C		
18	323-801-004-002N		150	-	120 36.5 ± 2.7	M14 x 1.5	9	29	A		
19	323-801-004-003D		150	-	120 36.5 ± 2.7	R 1/2	9	29	A		
20	323-801-004-006D		150	-	120 36.5 ± 2.7	1/2 – 14 NPTF	9	29	D		
21	323-801-004-007D		150	-	120 36.5 ± 2.7	1/2 – 14 NPTF	9	29	A		
22	323-801-004-012C		150	-	120 36.5 ± 2.7	M16 x 1.5	9	29	E		
23	323-801-004-017D		150	-	120 36.5 ± 2.7	1/4 – 18 NPTF	9	29	D		
24	323-801-004-039D		150	-	120 36.5 ± 2.7	M14 X 1.5 Thread length 14	9	29	B		
25	323-801-004-039K		150	-	120 36.5 ± 2.7	M14 X 1.5 Thread length 14	9	29	B		
26	323-801-004-042D		150	-	120 36.5 ± 2.7	1/2 – 20 UNF – 2A	9	29	D		
27	323-801-005-001D		120	-	90 51.2 ± 4.3	1/8 – 27 NPTF	8,5	22	C		
28	323-801-005-005D		120	-	90 51.2 ± 5.3	M10 x 1.0	8,5	22	C		
29	323-801-009-001D		150	-	120 36.5 ± 2.7	1/8 – 27 NPTF	8,2	22	C		
30	323-801-009-003D		150	-	120 36.5 ± 2.7	M10 X 1 con. short	8,2	22	C		
31	323-801-010-001D		150	-	120 36.5 ± 2.7	M10 x 1.5	6,9	22	C		








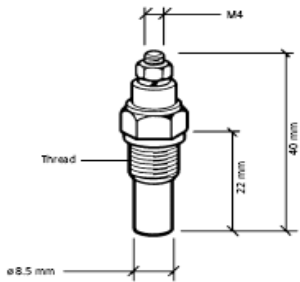
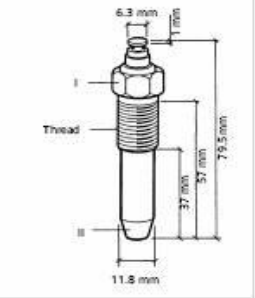
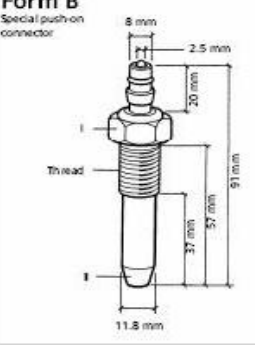


NO.	VDO NO.	OE NO.								Technical Data	Dimensions & Type of Connection
32	323-801-010-003K		150	-	120 36.5 ± 2.7	M12 x 1.5	6,9	22	C		
33	323-801-012-001D		150	-	120 36.5 + 4.0 -2.7	M16 x 1.5	9	15	B		
34	323-801-012-002D		150	-	120 36.5 + 4.0 -2.7	M14 x 1.5	9	15	B		
35	323-801-012-002K		150	-	120 36.5 + 4.0 -2.7	M14 x 1.5	9	15	B		
36	323-801-012-003D		150	-	120 36.5 + 4.0 -2.7	M18 x 1.5	9	15	B		
37	323-801-013-001D		200	-	160 32.2 ± 2.1	1/8 - 27 NPTF	8.2 ±0.2	22 ±0.5	C		
38	323-801-017-001K		120	-	90 51.2 ± 5.3	M10 X 1 con. short	without	10,5	C		
39	323-801-017-001N		120	-	90 51.2 ± 5.3	M10 X 1 con. short	without	10,5	C		
40	323-801-018-001D		200	-	160 32.2 ± 2.5	1/8 - 27 NPTF	without	10,5	C		
41	323-801-020-002D		120	-	90 51.2 ± 4.3	M14 x 1.5	9	24	F		
42	323-803-001-061C		100	116 ±3	90 51.2 ± 4.3	1/2 - 14 NPTF	10.8 ±0.4	40 ±0.4	G		
43	323-803-001-062C		100	114 ±3	90 51.2 ± 4.3	1/2 - 14 NPTF	10.8 ±0.4	40 ±0.4	G		
44	323-803-001-064C		100	112 ±3	90 51.2 ± 4.3	1/2 - 14 NPTF	10.8 ±0.4	40 ±0.1	G		
45	323-804-015-005D		120	-	90 88.6 ± 9	1/8 - 27 Dryseal NPTF	8,2	22	C		
46	323-805-001-001K		120	-	90 51.2 ± 4.3	M14 x 1.5	11	29	G		
47	323-805-001-001N		120	-	90 51.2 ± 4.3	M14 x 1.5	11	29	G		
48	323-805-001-002C		120	-	90 51.2 ± 4.3	5/8 - 18 UNF-2A with taper seat	11	29	G		
49	323-805-001-004K		120	-	90 51.2 ± 4.3	1/2 - 14 NPTF	11	29	G		
50	323-805-001-004N		120	-	90 51.2 ± 4.3	1/2 - 14 NPTF	11	29	G		
51	323-805-001-005N		120	-	90 51.2 ± 4.3	3/8 - 18 Dryseal NPTF	11	29	G		
52	323-805-001-007N		120	-	90 51.2 ± 4.3	1/4 - 18 NPTF	11	29	G		
53	323-805-001-015N		120	-	90 51.2 ± 4.3	M18 x 1.5	11	29	G		
54	323-805-003-001N		150	-	120 36.5 ± 2.7	M14 x 1.5	11	29	G		
55	323-805-003-002N		150	-	120 36.5 ± 2.7	1/4 - 18 NPTF	11	29	G		
56	323-805-003-003N		150	-	120 36.5 ± 2.7	5/8 - 18 UNF-2A with taper seat	11	29	G		
57	323-805-017-002C		120	-	100 40.10 ± 0.8	M14 x 1.5	8.5 -0.3	29 -0.3	H		
58	323-805-034-002B		130	-	90 426.2 ± 17.6	M14 x 1.5	7,5	29	H		
59	323-805-039-001C		130	-	90 3300 ± 143	M14 x 1.5	8,5	29	H		
60	323-805-042-001C		140	-	90 92.3 ± 5.2	M14 x 1.5	8,5	29	H		
61	323-809-019-003A		120	-	90 457.6 ± 19.5	M18 x 1.5	13 ±0.2	35 ±0.6	H		
62	325-801-002-002D		120	-	90 25.6 + 2.8 -1.8	M18 x 1.5	9	29	A**		
63	325-801-002-004C		120	-	90 25.6 + 2.8 -1.8	3/8 - 18 Dryseal NPTF	9	29	A**		








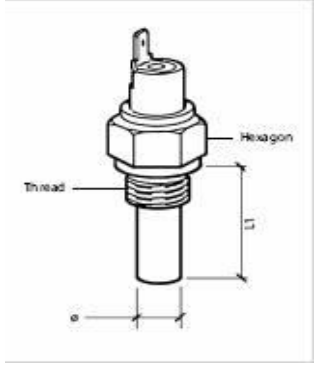
NO.	VDO NO.	OE NO.								Technical Data	Dimensions & Type of Connection
64	325-801-002-006C		100	-	90 25.6 ± 2.1	R3/8 (Din 2999 taper)	9	29 ± 0.3	E	* Depending on connection **For dual-station readings	
65	325-805-003-001C		120	-	90 25.6 ± 3	1/4 - 18 NPTF	10,9	29	G**		
66	325-805-003-002C		120	-	90 25.6 ± 3	5/8 - 18 UNF-2A with taper seat	11	29	G**		
67	325-805-003-003C		120	-	90 25.6 ± 3	3/8 - 18 NPTF	10,9	29	G**		
68	325-805-003-007C		100	-	90 25.6 ± 2.1	1/2 - 14 Dryseal NPTF	10,9-0,3	31.5 ± 0.4	A		
69	323-803-001-001D		120	100 ± 3	90 51.2 ± 4.3	M14 x 1.5	-	-	A		
70	323-803-001-002D		120	98 ± 3	90 51.2 ± 4.3	5/8 - 18 NF-3	-	-	A		
71	323-803-001-004D		120	90 ± 3	90 51.2 ± 4.3	M14 x 1.5	-	-	A		
72	323-803-001-006D		120	96 ± 3	90 51.2 ± 4.3	M14 x 1.5	-	-	A		
73	323-803-001-007D		120	110 ± 3	90 51.2 ± 4.3	M16 x 1.5	-	-	A		
74	323-803-001-008D		120	110 ± 3	90 51.2 ± 4.3	M14 x 1.5	-	-	A		
75	323-803-001-009D		120	102 ± 3	90 51.2 ± 4.3	M14 x 1.5	-	-	A		
76	323-803-001-011D		120	95 ± 3	90 51.2 ± 4.3	5/8 - 18 NF-3	-	-	A		
77	323-803-001-012D		120	100 ± 3	90 51.2 ± 4.3	5/8 - 18 NF-3	-	-	A		
78	323-803-001-013D		120	106 ± 3	90 51.2 ± 4.3	M14 x 1.5	-	-	A		
79	323-803-001-016D		120	94 ± 3	90 51.2 ± 4.3	M14 x 1.5	-	-	A		
80	323-803-001-019D		120	95 ± 3	90 51.2 ± 4.3	1/2 - 14 NPTF	-	-	A		
81	323-803-001-020D		120	115 ± 3	90 51.2 ± 4.3	M14 x 1.5	-	-	A		
82	323-803-001-022D		120	118 ± 3	90 51.2 ± 4.3	M14 x 1.5	-	-	A		
83	323-803-001-023D		120	80 ± 3	90 51.2 ± 4.3	M14 x 1.5	-	-	A		
84	323-803-001-025D		120	103 ± 3	90 51.2 ± 4.3	1/2 - 14 NPTF	-	-	A		
85	323-803-001-026E		120	97 ± 3	90 51.2 ± 4.3	5/8 - 18 UNF-3A	-	-	A		
86	323-803-001-028D		120	98 ± 3	90 51.2 ± 4.3	M14 x 1.5	-	-	A		
87	323-803-001-030D		120	100 ± 3	90 51.2 ± 4.3	1/2 - 14 NPTF	-	-	A		
88	323-803-001-032D		120	108 ± 3	90 51.2 ± 4.3	1/2 - 14 NPTF	-	-	A		
89	323-803-001-036D		120	103 ± 3	90 51.2 ± 4.3	5/8 - 18 NF-3	-	-	A		
90	323-803-001-059D		120	105 ± 3	90 51.2 ± 4.3	5/8 - 18 NF-3	-	-	A		
91	323-803-001-060D		120	105 ± 3	90 51.2 ± 4.3	1/2 - 14 NPTF	-	-	A		
92	323-803-002-002D		150	120 ± 3	120 36.5 ± 2.7	M14 x 1.5	-	-	A		
93	323-803-002-007D		150	130 ± 3	120 36.5 ± 2.7	M14 x 1.5	-	-	A		
94	323-803-002-010C		150	135 ± 3	120 36.5 ± 2.7	M14 x 1.5	-	-	A		
95	323-803-002-015D		150	120 ± 3	120 36.5 ± 2.7	1/2 - 14 NPTF	-	-	A		
96	323-803-002-016D		150	130 ± 3	120 36.5 ± 2.7	M14 x 1.5	-	-	A		

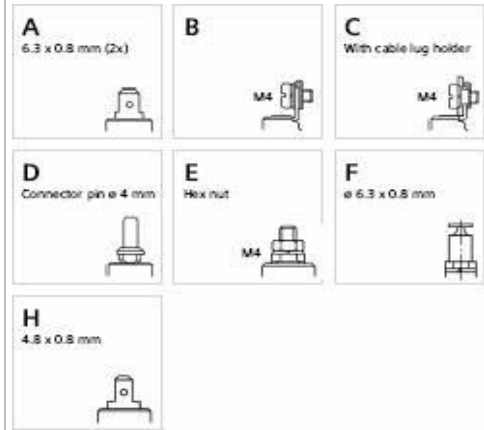














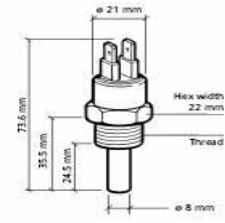
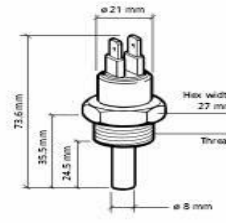
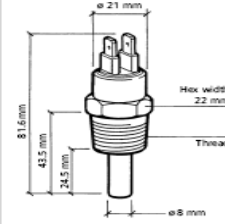
NO.	VDO NO.	OE NO.								Technical Data	Dimensions & Type of Connection
97	323-803-002-017D		150	120 ±3	120 36.5 ± 2.7	M14 x 1.5	-	-	A		
98	323-803-002-019D		150	135 ±3	120 36.5 ± 2.7	M14 x 1.5	-	-	A		
99	323-803-002-020D		150	110 ±3	120 36.5 ± 2.7	M14 x 1.5	-	-	A		
100	323-803-004-001D		120	100 ±2.5	90 51.2 ± 4.3	M14 x 1.5	-	-	B		
101	323-803-004-002D		120	105 ±3	90 51.2 ± 4.3	M14 x 1.5	-	-	B		
102	323-803-004-003D		120	95 ±2.5	90 51.2 ± 4.3	M14 x 1.5	-	-	B		
103	323-803-004-007D		120	100 ±6	90 51.2 ± 4.3	M14 x 1.5	-	-	B		
104	323-803-004-009D		120	105 ±3	90 51.2 ± 4.3	5/8 - 18 NF-3	-	-	B		
105	323-803-004-011D		120	105 ±3	90 51.2 ± 4.3	M14 x 1.5	-	-	B		
106	323-803-006-002C		150	130 ±4	120 36.5 ± 2.7	M14 x 1.5	-	-	B		
107	323-803-014-002D		150	130 ±3	130 28.9 ± 1.5	M14 x 1.5	-	-	A		
108	323-803-014-007C		150	108 ±3	120 36.8 ± 2.2	M14 x 1.5	-	-	D		
109	323-804-004-010C		-45 ... +150		-	M14 x 1.5	-	-	-	<p>Version: Thermistor, 1-pole Common Ground Rated voltage: 6 V to 24 V Temperature response time: 3 minutes minimum after switching on operating current Operating value: - Operation with Indicating Instrument 90° C = 86.7 Ω ±11.0 Ω - Operation with Control Electronics 90° C = 102.0 Ω ±6.3 Ω</p>	<p>Special push-on connector</p> 

NO.	VDO NO.	OE NO.								Technical Data	Dimensions & Type of Connection
110	323-801-008-002D	120	-	0	1893 ±102	M10 x 1.0	-	-	-	Version: Thermistor Rated voltage: 6 V to 24 V Operating temperature: -25° C to +125° C max. Temperature response time: 3 minutes minimum after switching on operating current	 <p>1-pole Common Ground Screw terminal M4</p>
111	323-801-028-001C	-	-40 ... +150	-	-40 ... +250	M14 x 1.5	-	-	A		 <p>Form A For spade connector:</p>
112	323-801-028-002C	-	-45 ... +180	-	-45 ... +250	M14 x 1.5	-	-	B	Version: Thermistor, 1-pole Common Ground Rated voltage: 6 V to 24 V Temperature response time: 3 minutes minimum after switching on operating current Operating value: – Operation with Indicating Instrument 210° C = 18.9 Ω ±1.3 Ω – Operation with Control Electronics 210° C = 20.05 Ω ±0.80 Ω	 <p>Form B Special push-on connector:</p>

TEMPERATURE SWITCHES

NO.	VDO								Technical Data	Dimensions & Type of Connection
1	232-011-005-003D	90±3	SS	120	M10x1.5	7	39	E	<p>Rated voltage: 6 V to 24 V</p> <p>Switching capacity: 1.2 W to 3 W non-inductive</p> <p>Type of contact: SS = Contact closes as temperature rises OS = Contact opens as temperature rises</p> <p>Contacting mode: Slow-acting</p> <p>Break point: 5° C max. below make point</p>	
2	232-011-005-011D	125±5	SS	155	M10x1.5	7	39	E		
3	232-011-005-015D	130+10	SS	180	M10x1.5	7	39	E		
4	232-011-005-019D	96±3	SS	120	1/8-27 NPTF/	7	33	E		
5	232-011-005-020D	105±3	SS	120	1/8-27 NPTF	7	33	E		
6	232-011-005-024D	110±3	SS	150	M10x1 con.short	7	33	E		
7	232-011-017-005D	120±3	SS	130	1/2-14 NPTF	10	29	B		
8	232-011-017-009D	90±3	SS	120	M14x1.5	10	29	A		
9	232-011-017-010D	110±3	SS	160	M14x1.5	10	29	A		
10	232-011-017-011D	95±3	SS	120	M14x1.5	10	29	A		
11	232-011-017-013D	90±3	SS	120	M14x1.5 con.short	10	29	A		
12	232-011-017-015D	60±3	SS	120	M14x1.5 con.short	10	29	A		
13	232-011-017-016D	95±3	SS	150	M14x1.5	10	29	A		
14	232-011-017-017D	85±3	SS	120	M14x1.5	10	29	A		
15	232-011-017-032D	120±3	SS	130	M14x1.5	10	29	A		
16	232-011-017-033D	92±3	SS	120	M14x1.5	10	29	A		
17	232-011-017-034D	100±3	SS	160	M14x1.5	10	29	A		
18	232-011-017-037D	105±3	SS	120	M14x1.5	10	29	A		
19	232-011-017-038D	55±3	SS	120	M14x1.5	10	29	A		
20	232-011-017-041D	105±3	SS	120	1/2-14 NPTF	10	29	A		
21	232-011-017-076D	115±3	SS	130	M14x1.5	10	29	A		
22	232-011-017-078D	80±3	SS	120	M14x1.5 con.short	10	29	A		
23	232-011-017-080D	97±3	SS	120	M14x1.5	10	29	A		
24	232-011-017-087D	40±3	SS	120	M14x1.5	10	29	D		
25	232-011-017-089D	95±3	SS	120	M18x1.5	10	29	A		
26	232-011-017-093D	75±3	SS	120	M18x1.5	10	29	A		
27	232-011-017-099D	98±3	SS	120	5/8-18 UNF-2A	10	29	A		
28	232-011-017-103D	130±3	SS	150	M14x1.5	10	29	A		
29	232-011-017-110D	102±3	SS	150	M14x1.5	10	29	A		
30	232-011-017-118D	120±3	SS	130	3/8-BSPF medium	10	29	A		
31	232-011-017-128D	55±3	SS	120	M14x1.5	10	29	A		
32	232-011-017-129D	35±3	SS	120	M14x1.5	10	29	A		
33	232-011-017-131D	103±3	SS	120	1/2-14 NPTF	10	29	A		



NO.	VDO								Technical Data	Dimensions & Type of Connection
34	232-011-017-135D	102±3	SS	150	M14x1.5	10	29	D		
35	232-011-017-139D	103±3	SS	120	3/8-18 NPTF	10	29	A		
36	232-011-017-141D	28 ± 3	SS	120	M14 x 1.5	9,7	29	A		
37	232-011-017-142C	126 ± 3	SS	150	M18 x 1.5	10	29	A		
38	232-011-017-143D	120± 3.3	SS	150	3/4 - 16 UNF-2A	9.7 ± 0.2	27.1 ± 0.3	A		
39	232-011-017-145D	105 ± 3	SS	120	3/8 - 18 NPTF	10	29	H		
40	232-011-017-147D	94 ± 3	SS	150	M14 x 1.5	9,7	29	D		
41	232-011-017-148D	35 ± 3	SS	120	M14 x 1.5	9,7	29	A		
42	232-011-020-006E	25 ± 3	OS	120	M14 x 1.5	10	29	D		
43	232-011-020-022E	16 ± 3	OS	120	M14 x 1.5	10	29	D		
	VDO								Technical Data	Dimensions & Type of Connection
44	X10-232-001-001**	64 ± 3	60 ± 3	110	M14 x 1.5	-	-	A	<p>Rated voltage: 6 V to 12 V</p> <p>Switching capacity: 100/120 W</p> <p>Make point: Contact closes as temperature rises</p> <p>Break point: Contact opens as temperature falls</p> <p>2-blade connection: A6.3 x 0.8 DIN 46244</p> <p>* Switching capacity 100 W</p> <p>** Switching capacity 120 W</p>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Form A</p>  </div> <div style="text-align: center;"> <p>Form B</p>  </div> </div> <div style="text-align: center; margin-top: 10px;"> <p>Form C</p>  </div>
45	X10-232-001-002*	82 ± 3	74 ± 3	110	M18 x 1.5	-	-	A		
46	X10-232-001-003*	86 ± 3	81 ± 3	110	M18 x 1.5	-	-	A		
47	X10-232-001-004*	92 ± 3	85 ± 3	110	M18 x 1.5	-	-	A		
48	X10-232-001-005*	96 ± 3	92 ± 3	110	M18 x 1.5	-	-	A		
49	X10-232-001-006*	96 ± 3	91 ± 3	110	1/2 - 14 NPTF	-	-	C		
50	X10-232-001-007*	96 ± 3	92 ± 3	110	M14 x 1.5	-	-	A		
51	X10-232-001-008*	96 ± 3	92 ± 3	110	M22 x 1.5	-	-	B		
52	X10-232-001-009*	100 ± 3	95 ± 3	110	M18 x 1.5	-	-	A		
53	X10-232-001-010*	105 ± 3	100 ± 3	110	M18 x 1.5	-	-	A		