



SingleViu™

Operating manual

Appendix C; Wiring diagram

Table of contents

1	Wiring diagram for shunt resistors	3
2	Wiring diagram for fuel level sensor	4
2.1	tubular sensor	4
2.2	Lever arm sensors	4
3	Wiring diagram for pressure sensors.....	5
3.1	Single-pole pressure sensor	5
3.2	Single-pole pressure sensor for a dual station reading	5
3.3	Single-pole pressure sensor with ground reference and warning contact	6
3.4	Two-pole pressure sensor	6
3.5	Two-pole pressure sensor for dual station reading	7
3.6	Three-pole pressure sensor	7
3.7	Three-pole pressure sensor with common ground reference and anti-torque guard.....	8
3.8	Pressure sensors with own 5V power supply	8
3.9	Pressure sensors with own 8 – 32 Volt power supply.....	9
4	Wiring diagram for pyrometric sensor.....	10
5	Wiring diagram for temperature sensors.....	11
5.1	Single-pole temperature sensor with common ground reference	11
5.2	Single-pole temperature sensor with warning contact.....	11
5.3	Two-pole temperature sensor	12
5.4	Two-pole temperature sensor for a dual station reading	12
6	Wiring diagram for speed sensor, pulse sensor	13
6.1	Two-pole speed sensor	13
6.2	Multi-pole speed sensors with separate power supply	14

1 Wiring diagram for shunt resistors

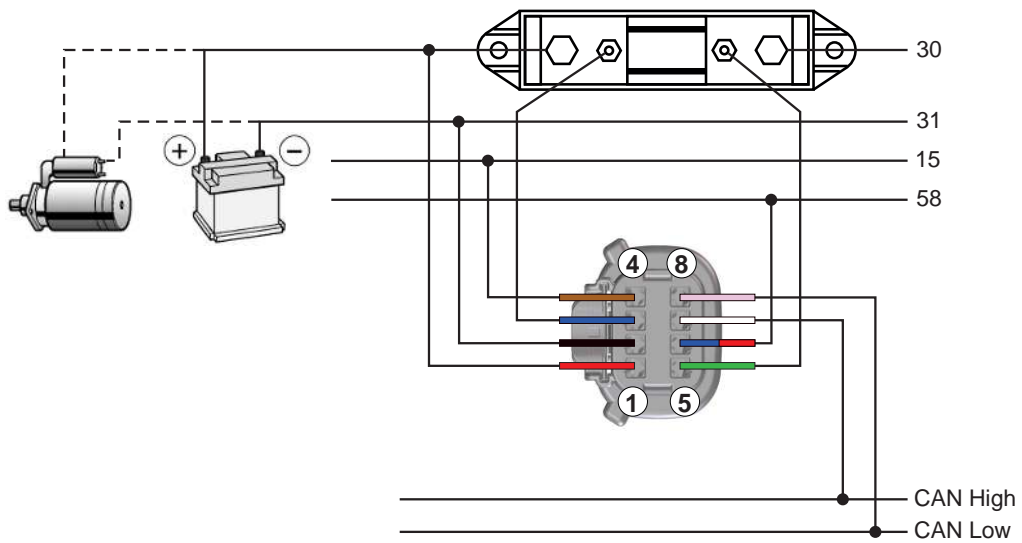


Fig. 1: Wiring diagram for shunt resistors

The alternator and the starter generate or consume more current than may be conducted via the shunt resistors and therefore need to be connected directly to the battery.

2 Wiring diagram for fuel level sensor

2.1 tubular sensor

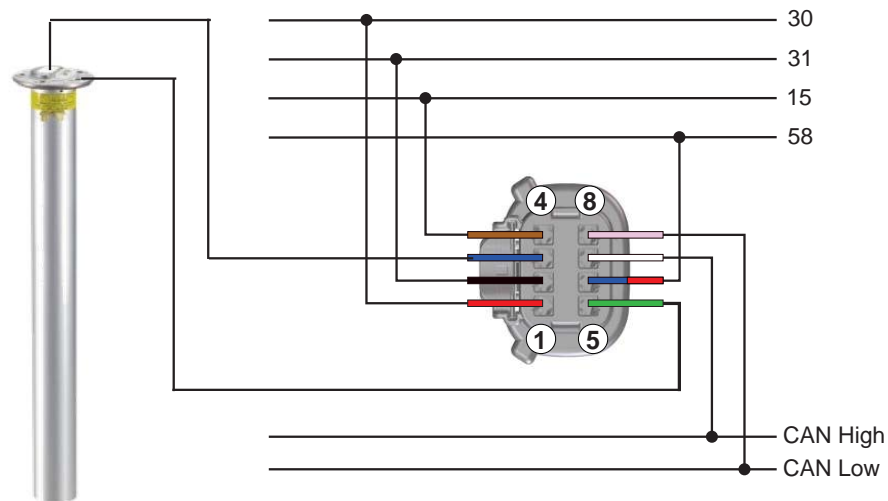


Fig. 2: Wiring diagram for a tubular sensor

2.2 Lever arm sensors

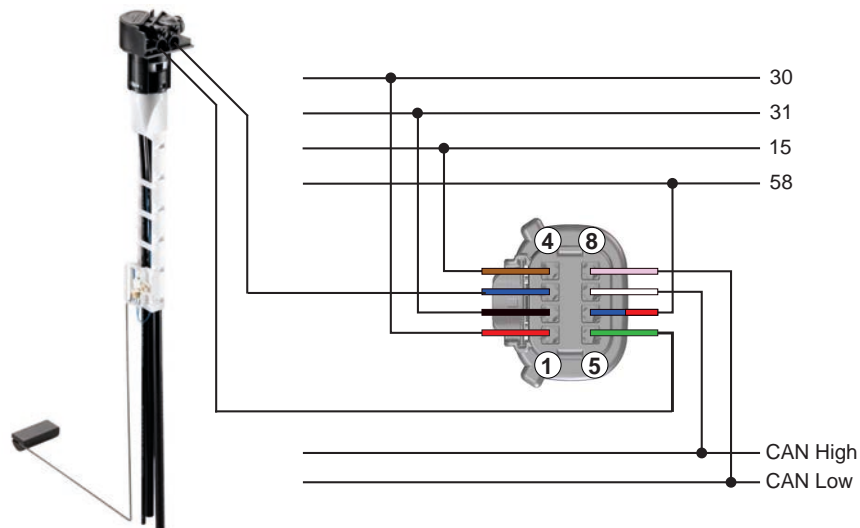


Fig. 3: Wiring diagram for a lever arm sensor

3 Wiring diagram for pressure sensors

3.1 Single-pole pressure sensor

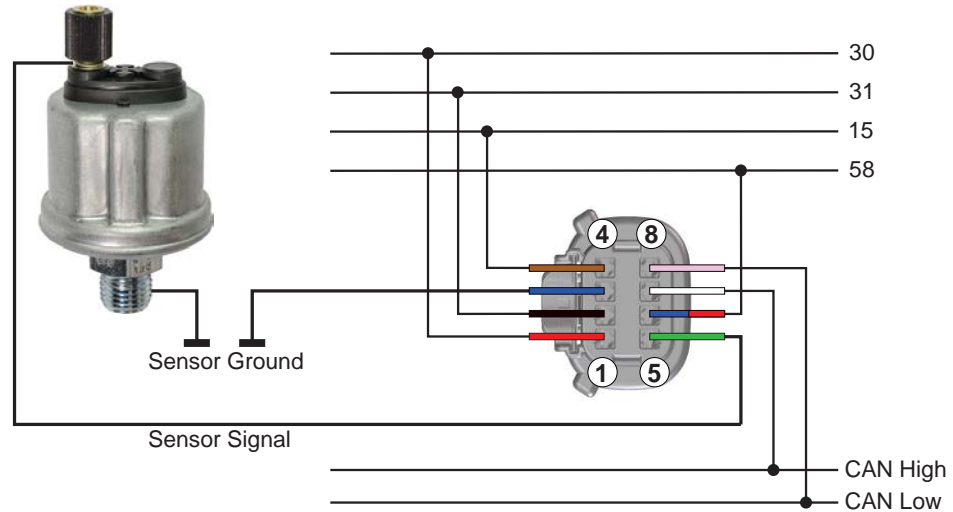


Fig. 4: Wiring diagram for a single-pole pressure sensor (common ground reference)

3.2 Single-pole pressure sensor for a dual station reading

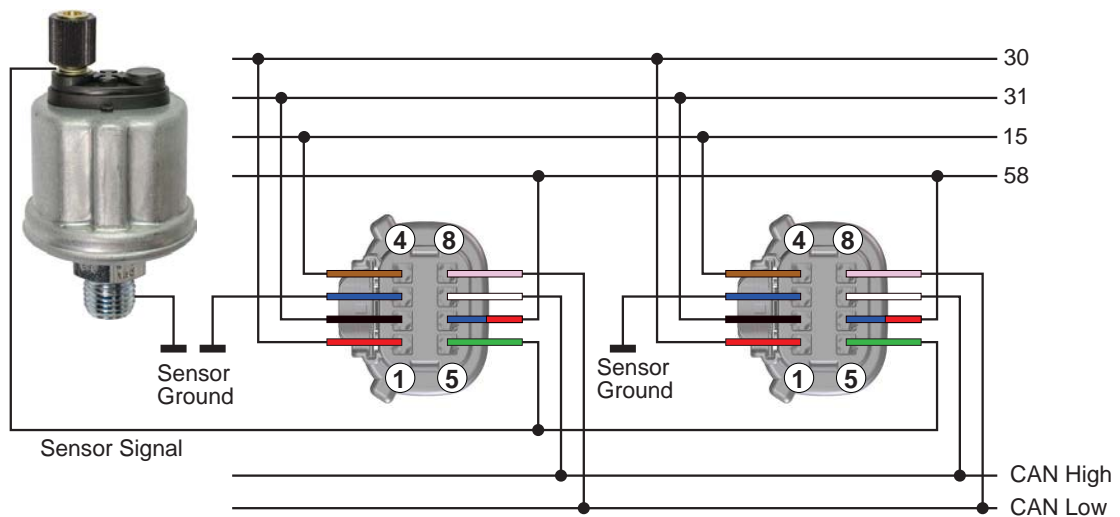


Fig. 5: Wiring diagram for a single-pole pressure sensor for a dual station reading

3.3 Single-pole pressure sensor with ground reference and warning contact

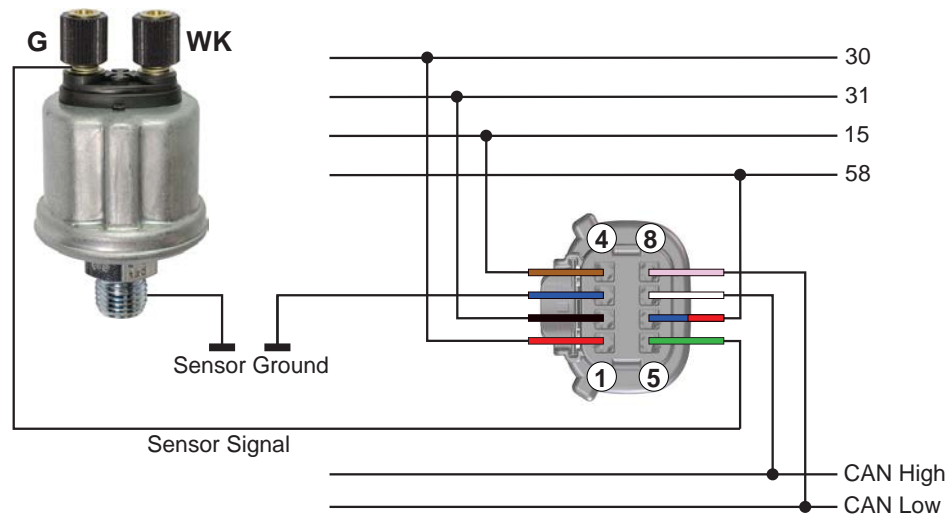


Fig. 6: Wiring diagram for a single-pole pressure sensor with common earth reference and warning contact. This remains unused.

3.4 Two-pole pressure sensor

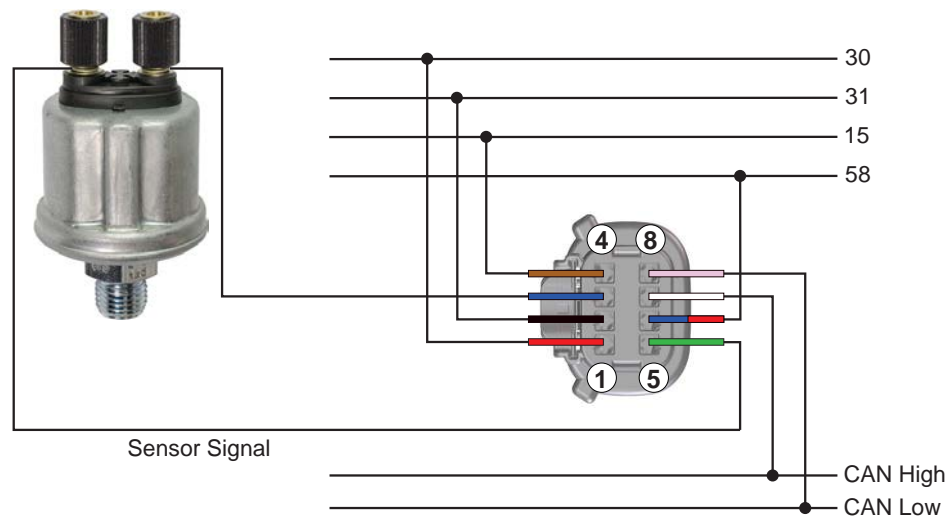


Fig. 7: Wiring diagram for a two-pole pressure sensor

3.5 Two-pole pressure sensor for dual station reading

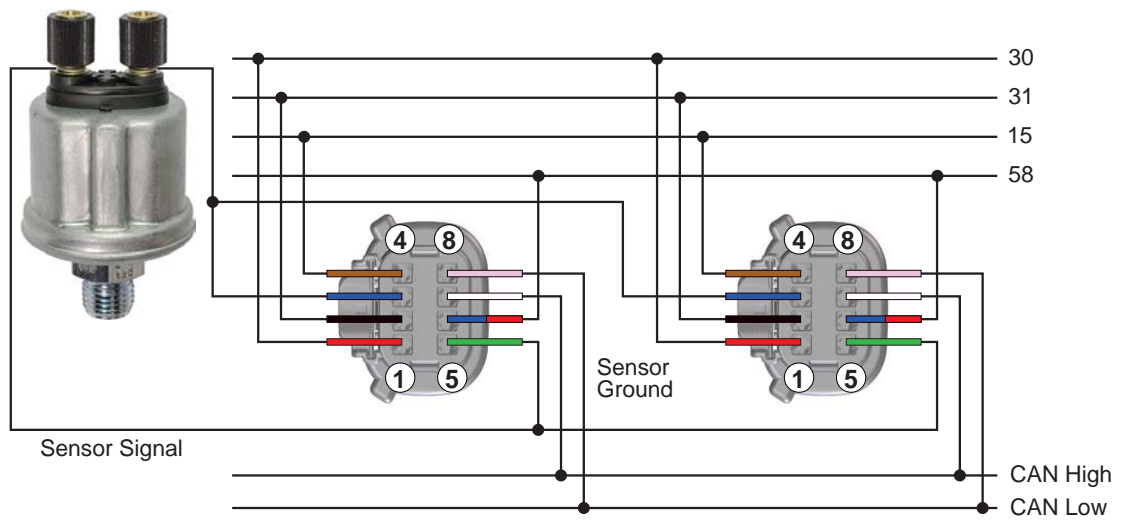


Fig. 8: Wiring diagram for a two-pole pressure sensor for dual station reading

3.6 Three-pole pressure sensor

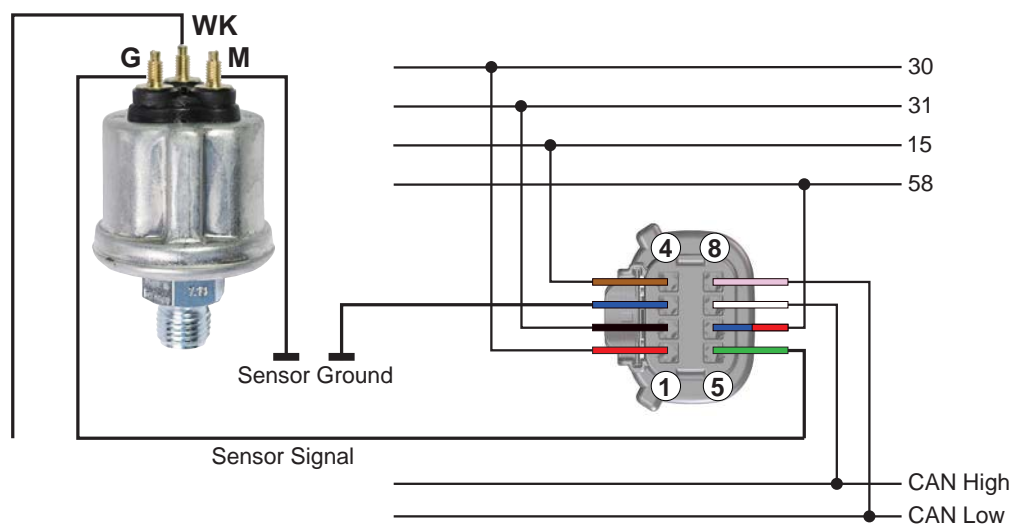


Fig. 9: Wiring diagram for a 3-pole pressure sensor

3.7 Three-pole pressure sensor with common ground reference and anti-torque guard

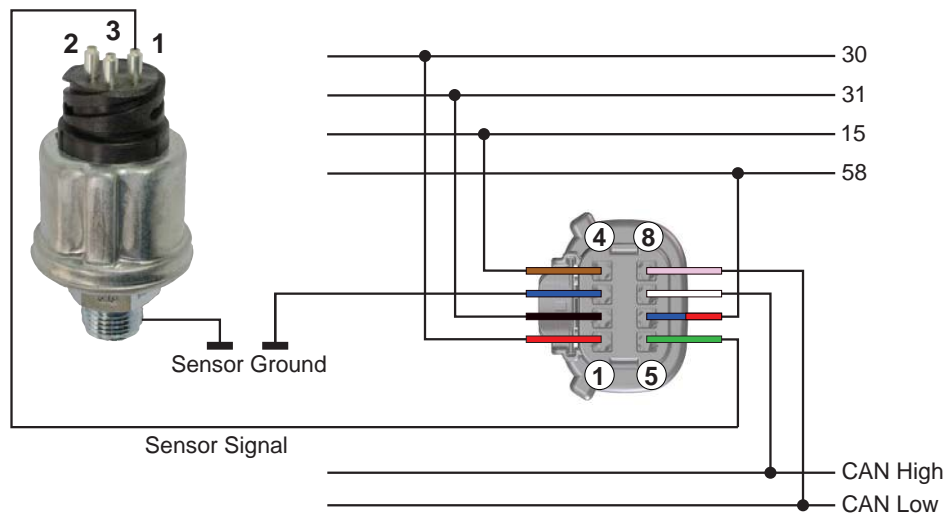


Fig. 10: Wiring diagram for a 3-pole pressure sensor with common ground reference and anti-torque guard

3.8 Pressure sensors with own 5V power supply

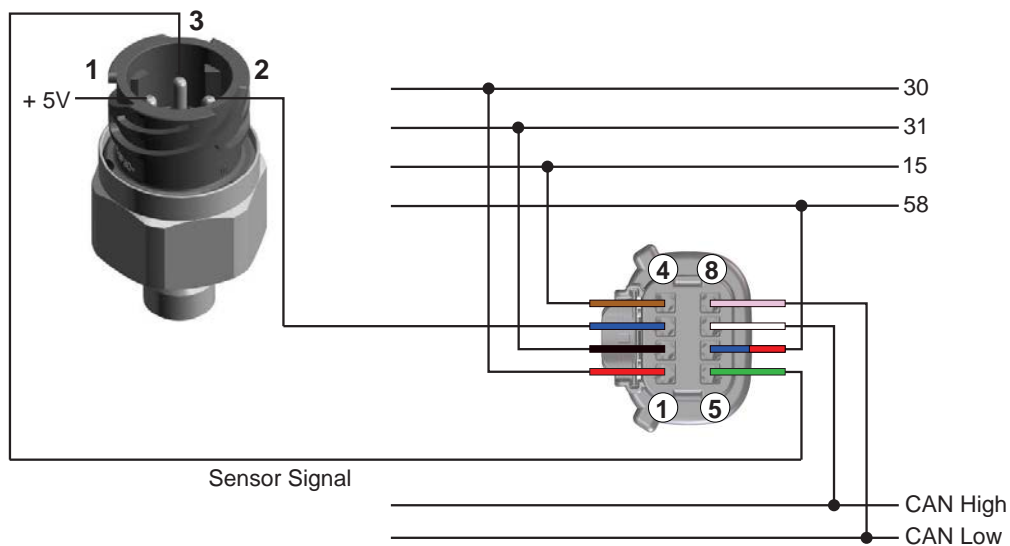


Fig. 11: Wiring diagram for a pressure sensor with own 5V power supply

3.9 Pressure sensors with own 8 - 32 Volt power supply

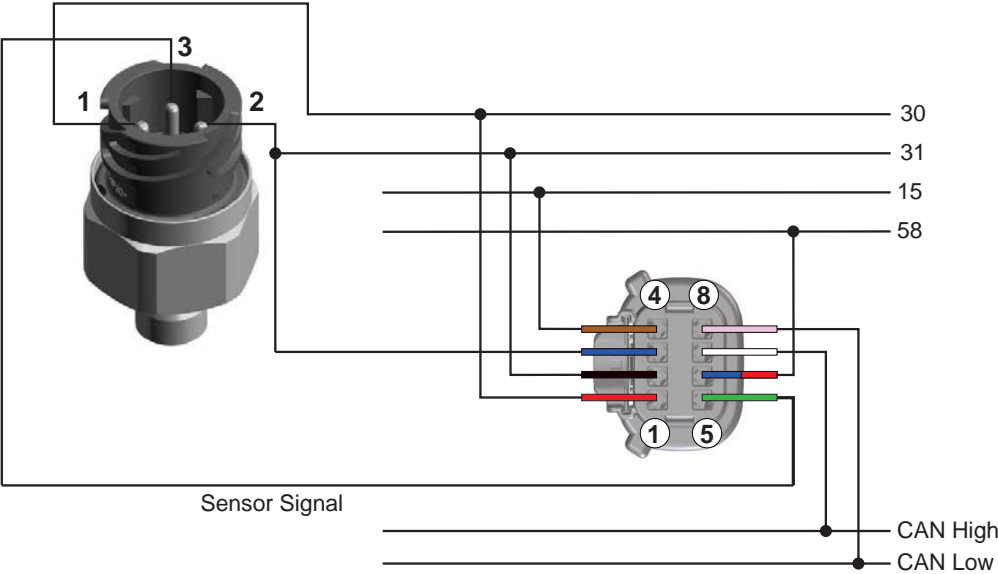


Fig. 12: Wiring diagram for a pressure sensor with own 8 - 32 volt power supply

4 Wiring diagram for pyrometric sensor

NOTE! Note connection between pins 1 and 5.

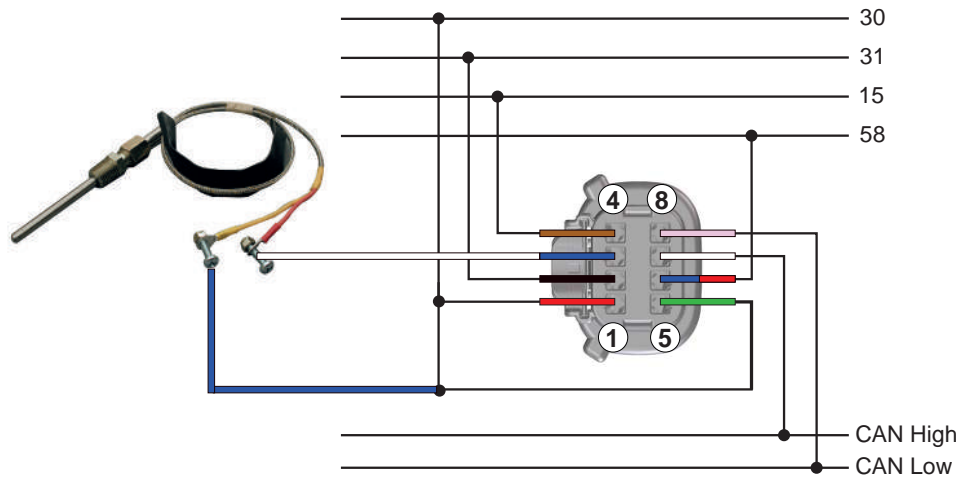


Fig. 13: Wiring diagram for pyrometric sensor N03-320-264

5 Wiring diagram for temperature sensors

5.1 Single-pole temperature sensor with common ground reference

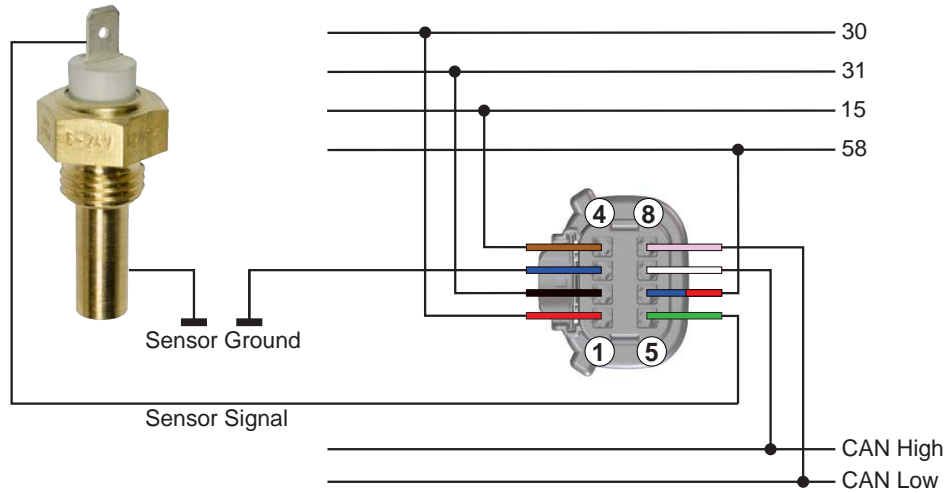


Fig. 14: Wiring diagram for a single-pole temperature sensor with common ground reference

5.2 Single-pole temperature sensor with warning contact

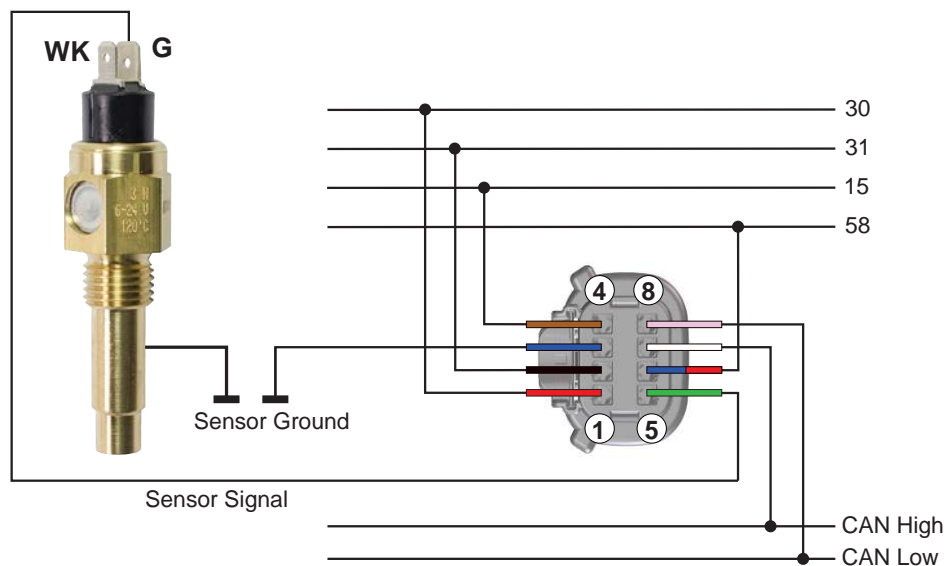


Fig. 15: Wiring diagram for a single-pole temperature sensor with warning contact. This remains unused.

5.3 Two-pole temperature sensor

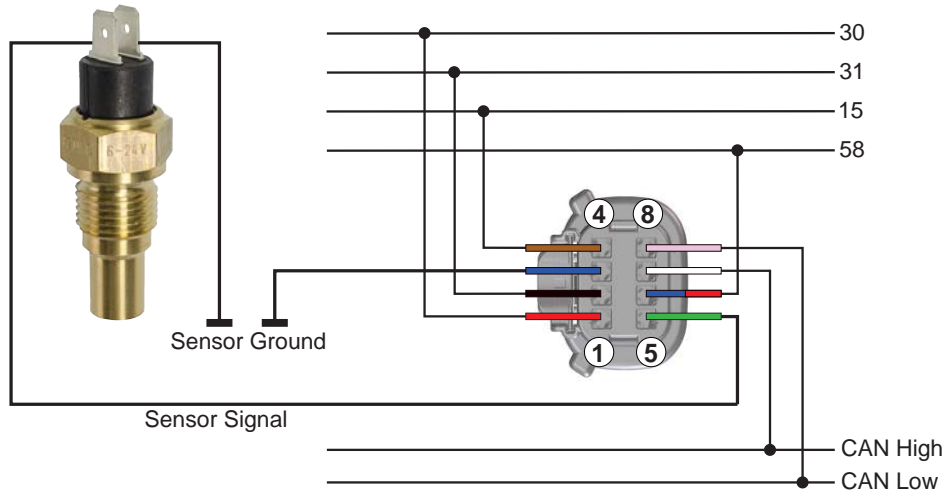


Fig. 16: Wiring diagram for a two-pole temperature sensor

5.4 Two-pole temperature sensor for a dual station reading

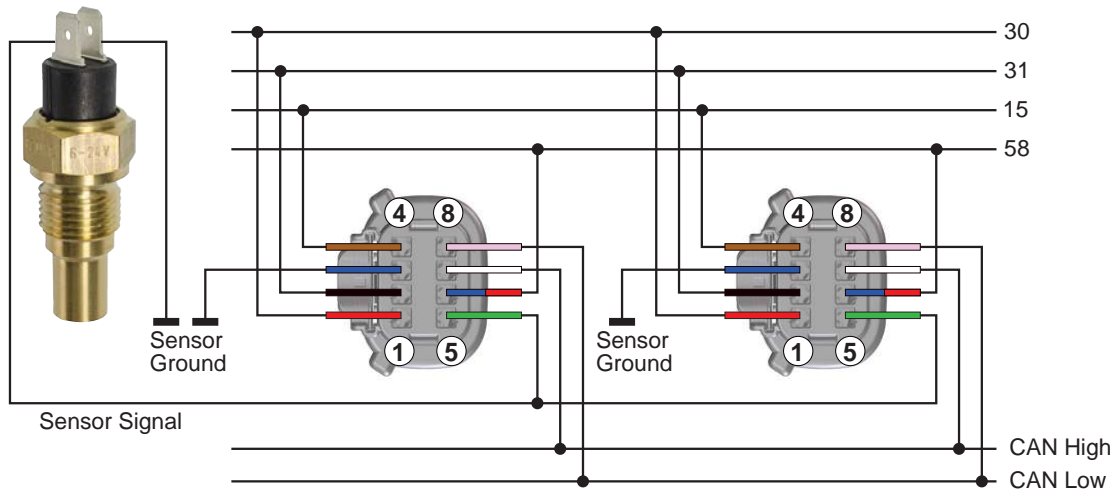


Fig. 17: Wiring diagram for a two-pole temperature for a dual station reading

6 Wiring diagram for speed sensor, pulse sensor

6.1 Two-pole speed sensor

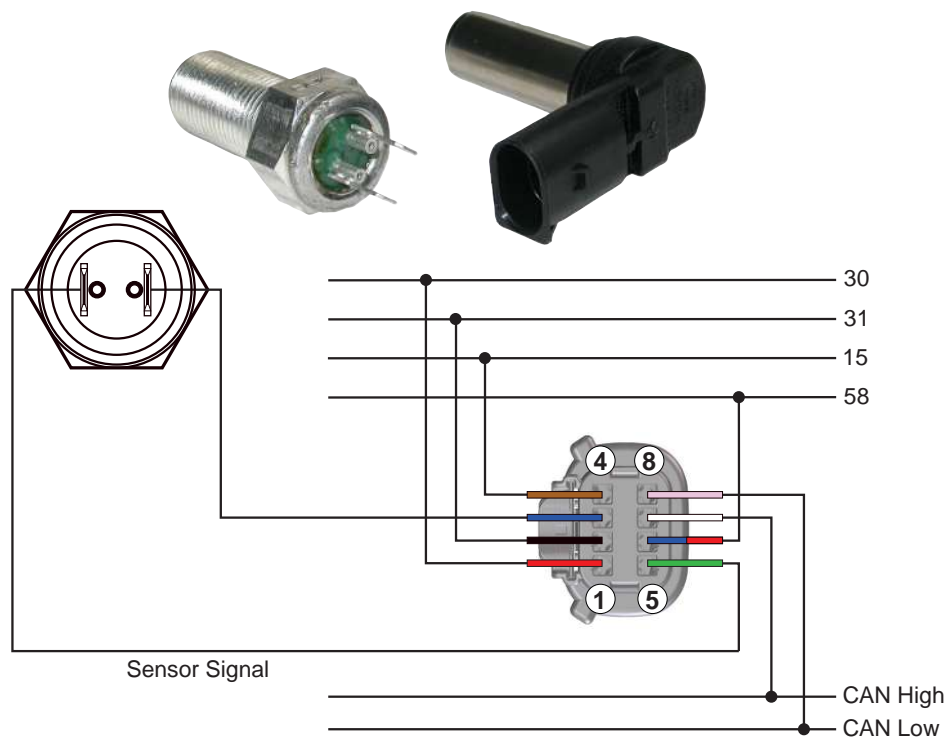


Fig. 18: Wiring diagram for various types of two-pole speed sensors

6.2 Multi-pole speed sensors with separate power supply

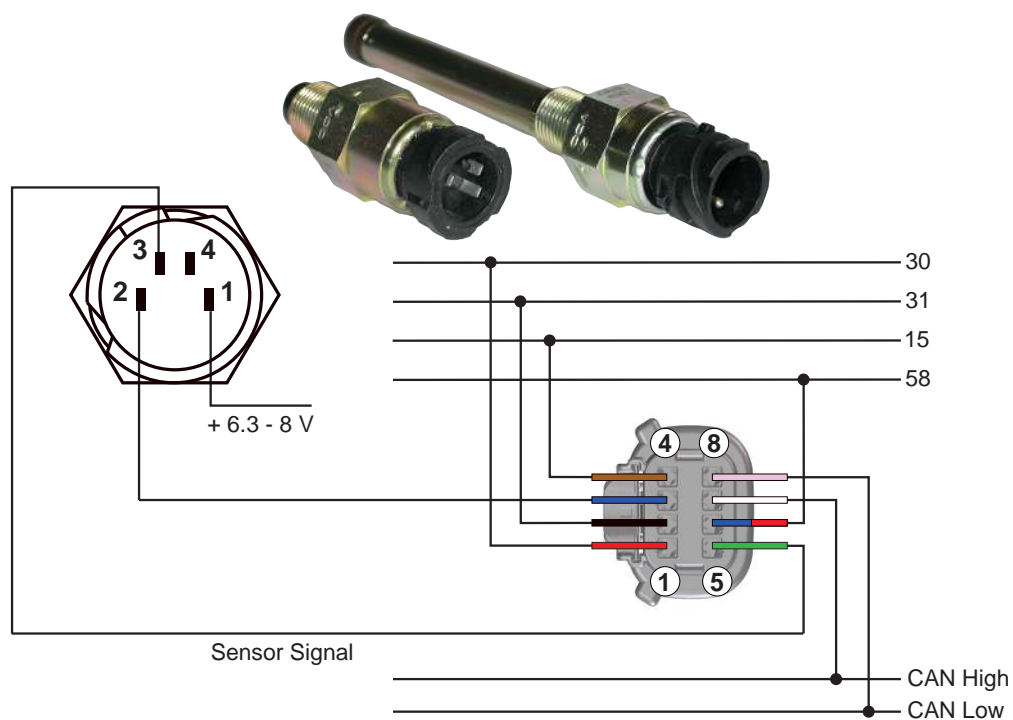


Fig. 19: Wiring diagram for various multi-pole speed sensors with separate power supply