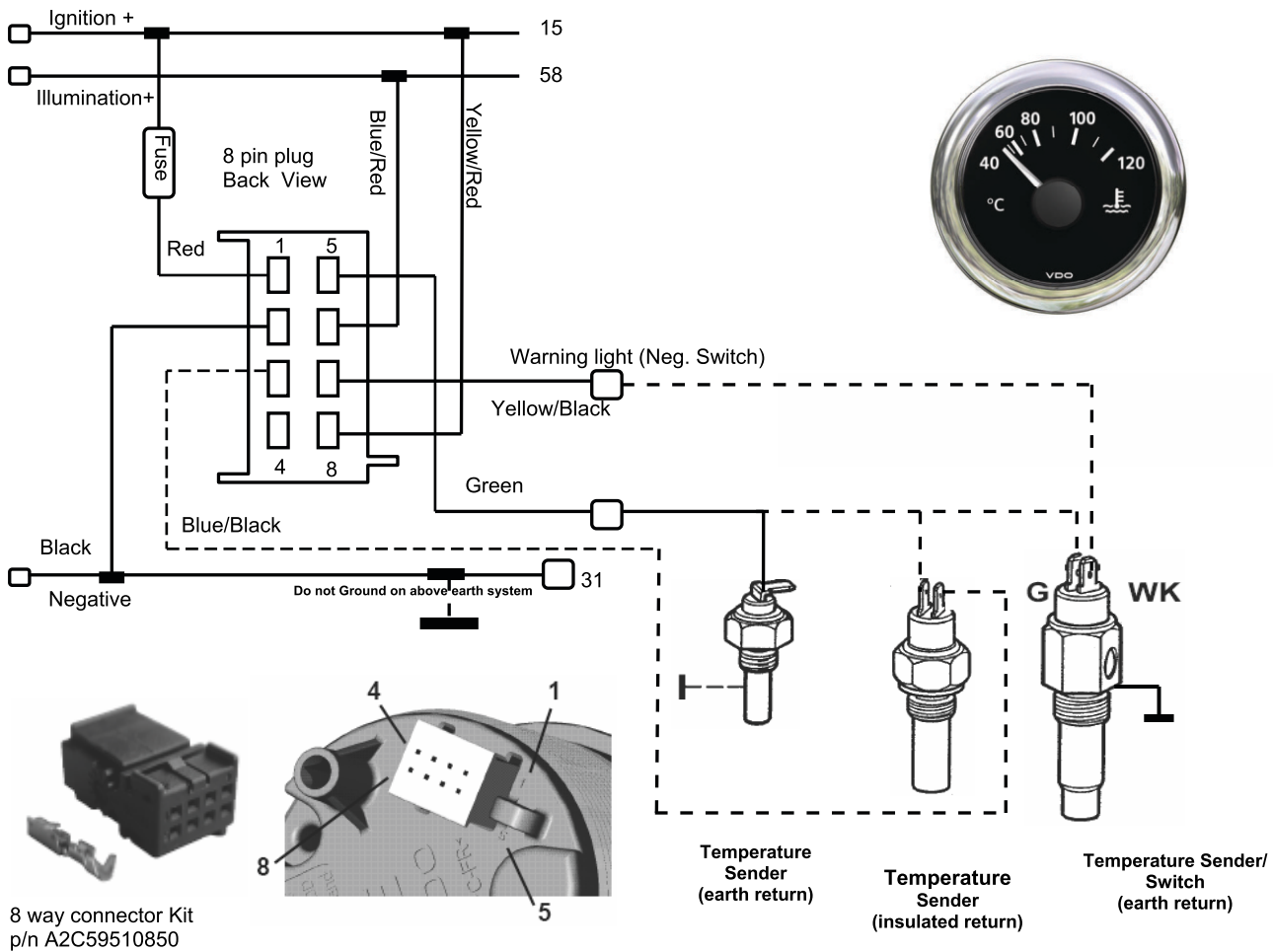


## Temp Gauges 120° C and 150° C



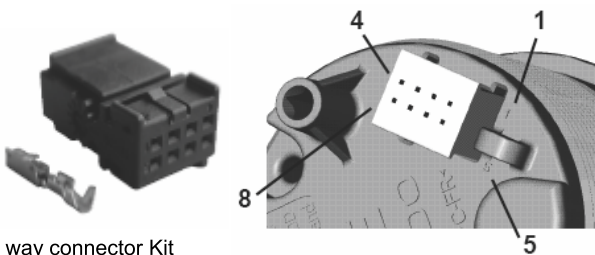
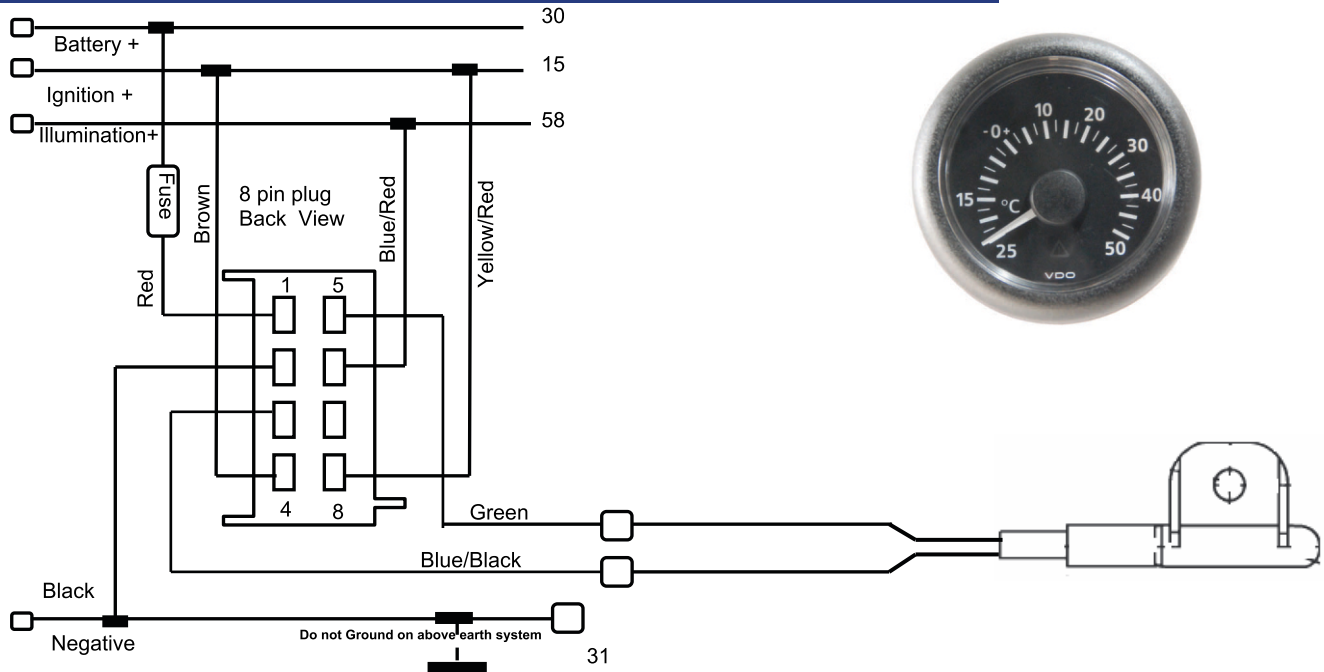
### 40 to 120 °C

Indication (°C)	40	50	60	70	80	90	100	110	120
Resistance (Ω)	287.4	193.3	134	95.2	69.1	51.3	38.6	29.4	22.7
Deflection (°∠)	0	3.3	8.3	15.5	25.8	40	58	75.2	88.2
Tolerance (°∠)	± 3.6	± 3.6	± 3.6	± 3.6	± 3.6	± 3.6	± 3.6	± 3.6	± 3.6

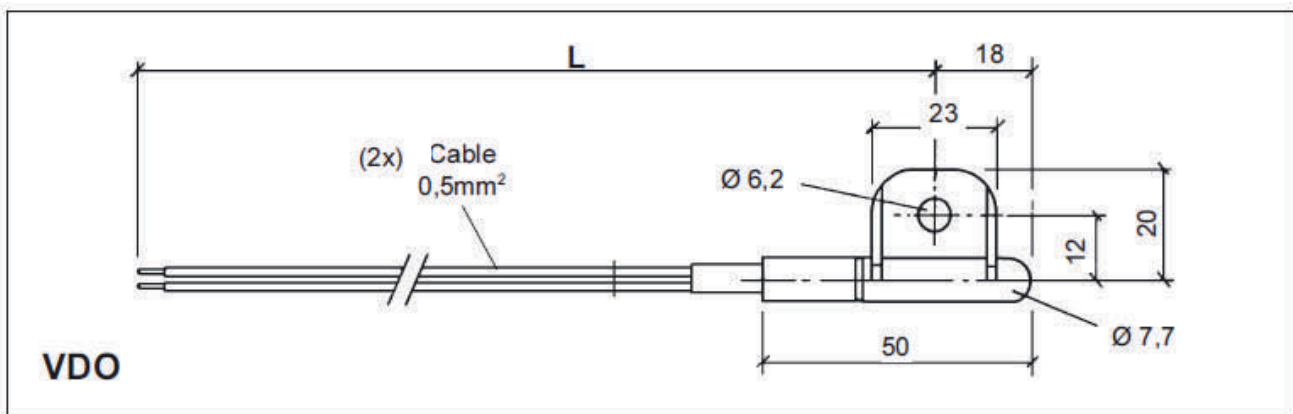
### 50 to 150 °C

Indication (°C)	50	80	90	100	110	120	130	140	150
Resistance (Ω)	322.8	112.5	83	62.2	47.5	36.5	28.9	23.1	18.6
Deflection (°∠)	0	12.4	19.8	29.6	42	56.8	69.7	80.2	88.1
Tolerance (°∠)	± 3.6	± 3.6	± 3.6	± 3.6	± 3.6	± 3.6	± 3.6	± 3.6	± 3.6

## Temp Gauge -25° C to +50° C (Outside)



8 way connector Kit  
p/n A2C59510850



Temperature Sensors for Air Temperature p/n 323809010005C L = 3000 mm

### Technical Data:

Version: Thermistor, insulated return

Independent voltage

Operating temperature:

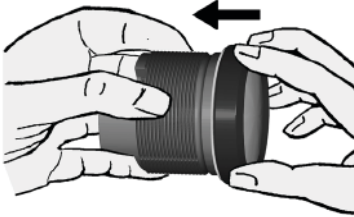
- 40°C to + 85°C max.

Temperature response time: 3 minutes minimum after switching on operating current

Operational value: 0 DegC = 4082 Ohms ± 26 Ohms

## Fitting $\varnothing 52$ mm gauges

### To replace a bezel

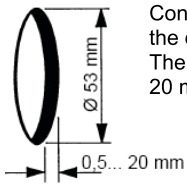


Place the new front ring on the instrument and press it on until it is flush with the instrument glass.

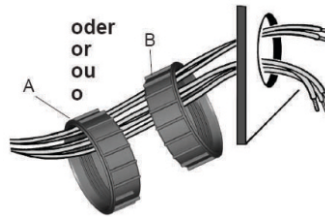


Front ring, flat; black	A2C53186040
Front ring, flat; white	A2C53186022
Front ring, flat; chrome	A2C53186023
Front ring, triangular; black	A2C53186024
Front ring, triangular; white	A2C53186025
Front ring, triangular; chrome	A2C53186026
Front ring, round; black	A2C53186027
Front ring, round; white	A2C53186028
Front ring, round; chrome	A2C53186029

### To cut and fit gauge $\varnothing 52$ mm



Conventional assembly. (Instrument is put into the drill hole from the front). The panel width may be within a range of 2 to 20 mm.



For 52 mm instruments, the fastening nut can be mounted at position A or B. This allows you to fix the gauge in different panel bores.

#### Version A

Clamping height 0.5 – 10 mm

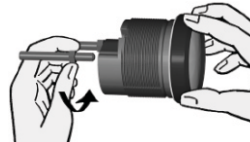
#### Version B

Clamping height 0.5 – 20 mm

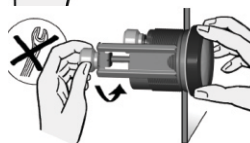


Align the instrument and hand-tighten the fastening nut. Ensure that the nut is not tightened with a torque greater than 400 Ncm.

\* Make sure the seal lays flat between the panel and the front ring.



OR

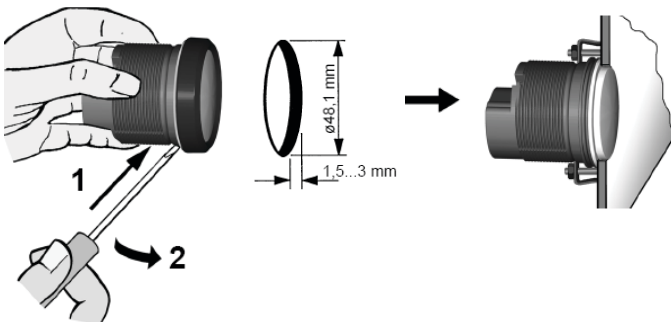


If you would like to omit the fastening nut, you may use the part set A2C59510854 as an alternative.

This is recommended if the installation location is subject to vibratory loads. Screw the stud bolts into the provided drill holes in the enclosure. Max. stud bolt torque is 1.5 Nm.

Place the bracket on the stud bolt and hand-tighten the knurled nut.

### To cut and fit gauge $\varnothing 52$ mm flush mount



If the instrument is mounted flush (i. e., from the back so that the instrument glass and the panel form one plane), the front ring must be removed.

Press the instrument glass with both thumbs, while at the same time pressing the front ring forward from the instrument with both index fingers. Note the use of a tool in the adjacent figure.

Place the flush mount seal A2C53215640 on the instrument glass.

Put the instrument into the drill hole from the back. Adjust the instrument so that the gauge is level and fasten it to the stud bolts on the rear side of the panel, using the flush mount fixing bracket A2C59510864.