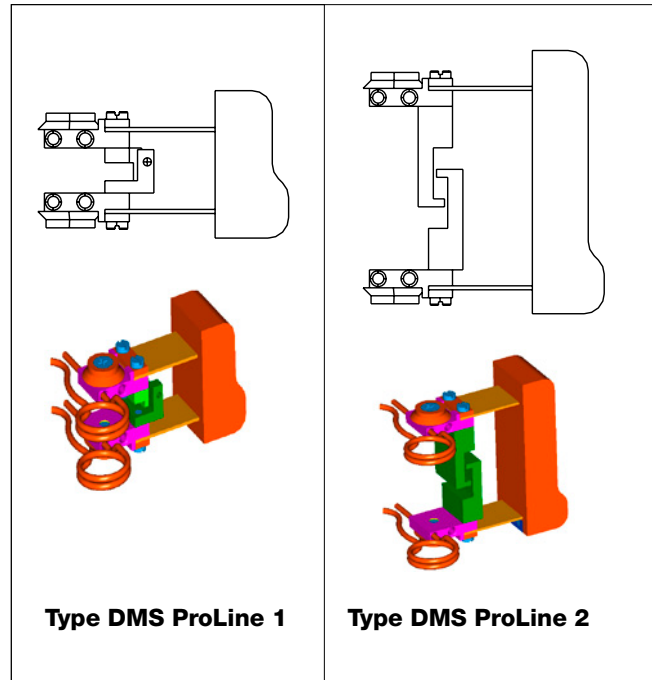
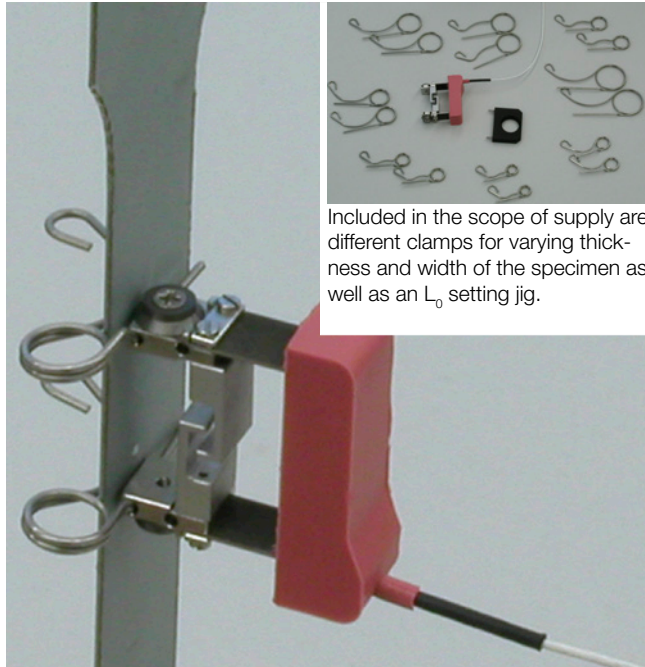


## Product Information

### ProLine Strain gage (DMS) clip-on extensometer



#### Range of applications

The extensometer type DMS ProLine 1 is foreseen for fixed gage lengths  $L_0 = 10$  mm. The measuring range amounts to  $\pm 2$  mm (tensile) or  $\pm 1$  mm (compression).

The extensometer type DMS ProLine 2 is foreseen for fixed gage lengths  $L_0 = 25$  mm with a measuring range of  $\pm 2.5$  mm (tensile) or  $\pm 1$  mm (compression).

#### Extensometer advantages

- Extremely good linearity, thus reliable test results.
- High resolutions enable smallest deformations to be measured during test.
- Miniaturised, light construction makes it easy to handle even for specimen with a small parallel portion.

## Product Information

### ProLine Strain gage (DMS) clip-on extensometer

Type	Type DMS ProLine 1	Type DMS ProLine 2
For testing machines of all series		
<b>Item number</b>	<b>057814</b>	<b>057816</b>
Measurement system	one sided strain gage system	one sided strain gage system
Gage length	10 mm	25 mm
Measurement range for tensile	2 mm	2.5 mm
Measurement range for compression	1 mm	1 mm
<b>Specimen dimensions</b>		
for round specimen	max. 15 mm	max. 15 mm
for flat specimen t x w	15 x 20 mm	15 x 20 mm
Accuracy grade 0.5 according to EN ISO 9513		
Height	25 mm	40 mm
Number of sensors	1	1
Type of output signal	single signal	single signal
Temperature range	+ 10 ... + 35 °C	+ 10 ... + 35 °C
Factory calibration at	21 °C	21 °C

**Here is required:**

1 DCSC module (Item number 318870) or ACSC module (Item number 320300) or

1 USC module (Item number 029443) for Allround-Line

Included in the scope of supply are different clamps for varying thickness and width of the specimen as well as an  $L_0$  setting jig.

## Packages

Description
DMS 1 clip-on extensometer for ProLine / zwicki includes a DMS 1 clip-on extensometer (L0 10 mm) and a DCSC module
DMS 2 clip-on extensometer for ProLine / zwicki includes a DMS clip-on extensometer(L0 25 mm) and a DCSC module
DMS 1 clip-on extensometer for Allround-Line includes a DMS 1 clip-on extensometer (L0 10 mm) and a USC module
DMS 2 clip-on extensometer for Allround-Line includes a DMS clip-on extensometer(L0 25 mm) and a USC module