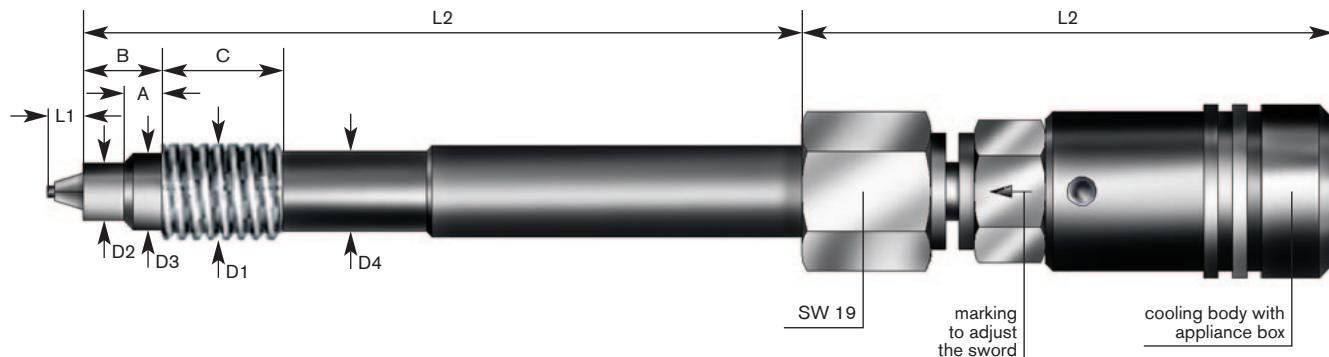


# TEMPERATURE PROBE

## MOLTEN MASS TEMPERATURE PROBE T393



For the temperature collection of fickle plastics in extruders, injection moulders and injection tools. Our molten mass temperature probes with swordshaped measuring tip have a quick response time and avoid any waviness in the mass due to its flow-favouring shape. The special mounting of the measuring tip keeps the fault due to heat dissipation as small as possible. Our standard measuring tips are made of stainless steel, material no. 1.4571. For especially abrasive plastics measuring tips with CVD-coating made of titanium carbide / titanium nitride are available.

Also available in type K, T or L\*  
and classes 1 or 2.

\* type L acc. to DIN 43710



The dimensions of the mass temperature probe enable the installation in already existing pressure absorption mounting bores. The standard threads are 1/2"-20UNF and M 18 x 1.5.

With a swordshaped measuring tip a marking makes possible the exact fixing of the sword in flow direction.

The molten mass temperature probes are available as straight or angle construction type with:

- fixed cable connection
- integrated plug-in connection at the end of the protecting tube plus extension cable with counter-plug available.

Immersion depth and shank length see illustration.

Response time:

Time	SAB T-393
T50	4,4 s
T90	8,1 s

1/2-20UNF-2A	7.8 -0.05	10.5 -0.05	12.5 -0.5	5.6 -0.1	10.8	17
M18 x1.5	10.0 -0.05	16.0 -0.1	16.0 -0.5	6.0 -0.25	14.0	20
M14x1.5	8.0 -0.05	12.0 -0.1	12.0 -0.5	6.0 -0.25	12.0	20
D1	ØD2	ØD3	ØD4	A	B	C

sword length L1 min. 5, max. 30 mm

shank length L2 standard length 152 mm