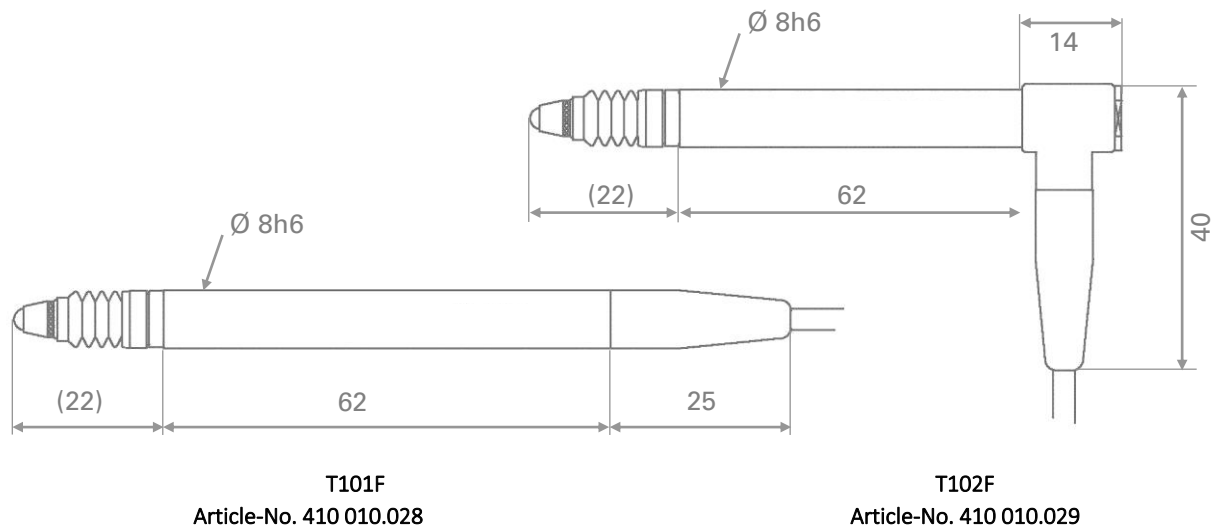


Inductive probes – range ± 2 mm

Inductive probes T101F, T102F

± 2 mm movement, compression spring impinged



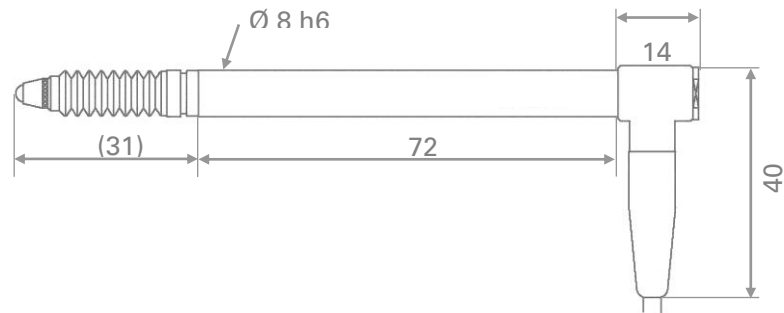
Product features

Types	T101F axial cable outlet T102F radial cable outlet
Total movement	4,6 mm
Movement	± 2 mm
Work clearance stroke	adjustable
Bedding	ball bearing
Life cycle, mech.	> 10 Mio. cycles
Circumferential backlash	1° over total movement
Temperature	-10 up to + 65°C bedding & operation
Mounting position	optional
Insert	ball 3 mm hard alloy, thread M2,5, interchangeable
Expansion bellows	Viton
Clamping shank	8h6 (DIN No. 7182)
Cable	in PUR, length 2 m
Plug	5 Pol 240° (DIN No. 453220)
Lifting	none
Measuring load	0,63 N ± 20 % at the electric zero point Values from 0,25 N up to 4 N optional
Repeated dispersion	0,01 μ m
Linearity error	0,3 % in the range ± 1000 μ m (20°C ± 1 °C)
Sensivity	7,3 $\pm 0,15$ mV/(V*mm) at R = 2 kOhm ($\pm 0,1$ %)
Standard frequency	13 kHz ± 5 %
Feeding	3V $\pm 0,5$ % RMS
Mounting	half bridge
Capability to be repaired	given, may be dismantled

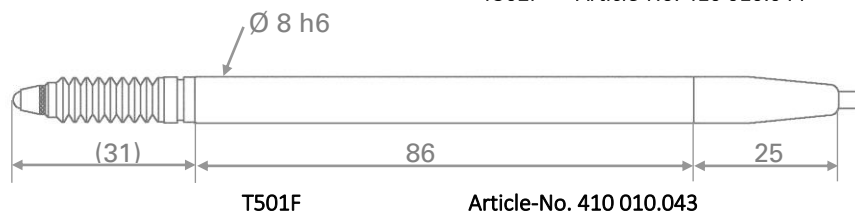
Inductive probes – range ± 5 mm

Inductive probes T501F, T502F

± 5 mm movement, compression spring impinged



T502F Article-No. 410 010.044



T501F

Article-No. 410 010.043

Product features

Types	T501F axial cable outlet T502F radial cable outlet
Total movement	10,6 mm
Movement	± 5 mm
Work clearance stroke	adjustable
Bedding	ball bearing
Life cycle, mech.	> 10 Mio. cycles
Circumferential backlash	1° over total movement
Temperature	-10 up to + 65°C bedding & operation
Mounting position	optional
Insert	ball 3 mm hard alloy, thread M2,5, interchangeable
Expansion bellows	Viton
Clamping shank	8h6 (DIN No. 7182)
Cable	in PUR, length 2 m
Plug	5 Pol 240° (DIN No. 453220)
Lifting	none
Measuring load	1 N \pm 15 % at the electric zero point 1,6 N as option
Repeated dispersion	0,05 μ m
Linearity error	0,9 % in the range ± 5000 μ m (20°C \pm 1°C)
Sensivity	7,3 \pm 0,15 mV/(V*mm) at R = 2 kOhm (\pm 0,1 %)
Standard frequency	13 kHz \pm 5 %
Feeding	3V \pm 0,5 % RMS
Mounting	half bridge
Capability to be repaired	given, may be dismounted