



High Current Probes

HC200B06G71

Order code 1033974

General

Design	Coaxial Probe
Family	HC200
Pitch [mm/mil]	25.0 / 984
Temperature [C°]	-45°C...+200°C
Additional definition	B

Electrical specifications

Continuous current [A]	300.00
Typical contact resistance [mOhm]	1.00
Continuous current 2 [A]	5.00
Typical contact resistance 2 [mOhm]	20.00

Inner contact specifications

Preload 2 [cN]	60.00
Spring force 2 [cN]	150.00

Mechanical specifications

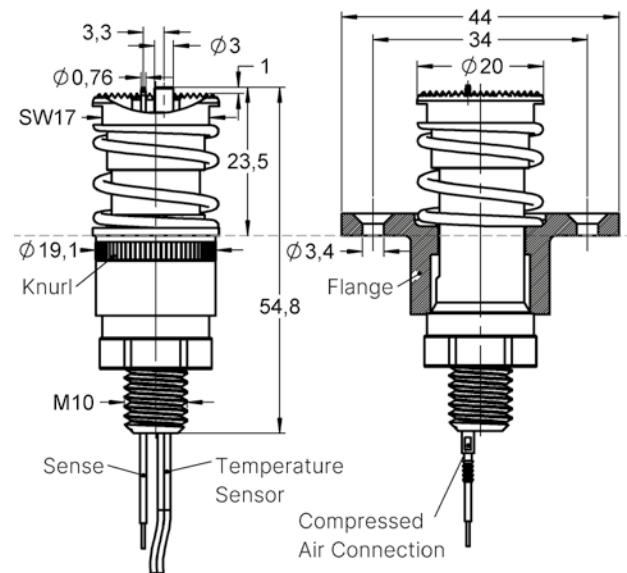
Preload [cN]	3500.00
Spring force [cN]	7150.00
Nominal travel [mm]	5.60
Maximum travel [mm]	7.00
Thread	M10
Tool size [mm]	17

Dimensions

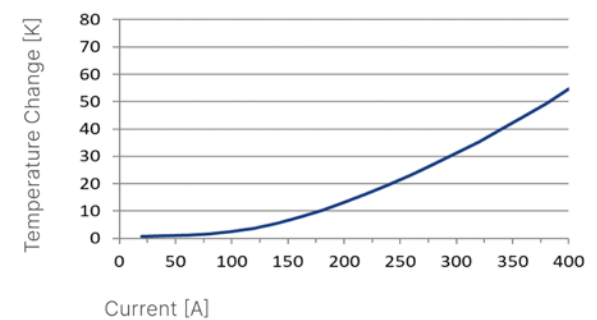
Total length [mm]	54.80
Projection height [mm]	22.50
Tip style diameter [mm]	20.00
Barrel diameter [mm]	19.00
Collar diameter [mm]	20.00
Press ring diameter [mm]	20.00
Inside/outside distance [mm]	1.00
Tip style diameter 2 [mm]	0.76

Family drawing

All measurements are in mm.



Thermal Rise of Contact Probe vs. Current



Materials & surfaces

Tip style	06
Tip style 2	21
Tip style material	Beryllium copper
Tip style plating	Gold
Plunger material	Brass
Plunger plating	Silver
Barrel material	Brass
Barrel plating	Uncoated
Spring material	High-grade steel
Spring plating	Uncoated
Plunger material 2	Beryllium copper
Plunger plating 2	Longtime Gold
Spring material 2	High-grade steel
Spring plating 2	Uncoated

Tip style 1



Tip style 2

