



High Current Probes

HC200A06G70

Order code 1033973

General

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

Electrical specifications

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

Mechanical specifications

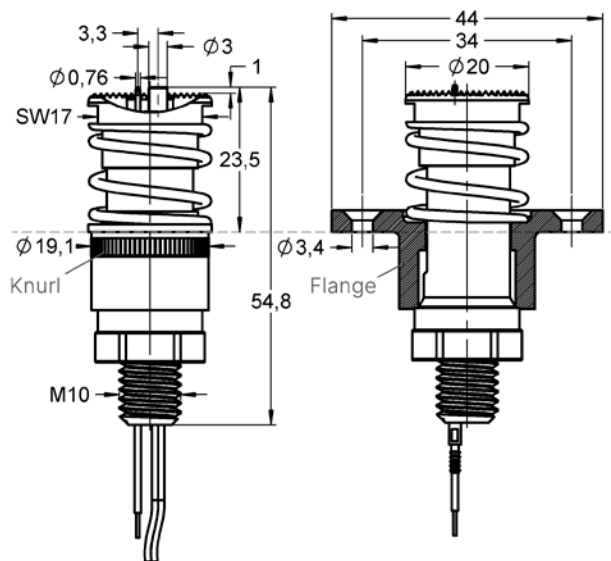
Preload [cN]	3500.00
Spring force [cN]	7000.00
Nominal travel [mm]	5.60
Maximum travel [mm]	7.00
Thread	M10
Tool size [mm]	17

Dimensions

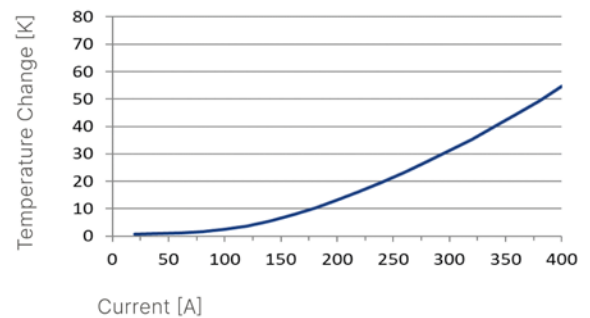
Total length [mm]	53.80
Projection height [mm]	22.50
Tip style diameter [mm]	20.00
Barrel diameter [mm]	19.00
Collar diameter [mm]	20.00
Press ring diameter [mm]	20.00

Family drawing

All measurements are in mm.



Thermal Rise of Contact Probe vs. Current



Materials & surfaces

Tip style	06
Tip style material	Beryllium cooper
Tip style plating	Gold
Plunger material	Brass
Plunger plating	Silver
Barrel material	Brass
Barrel plating	Uncoated
Spring material	High-grade steel
Spring plating	Uncoated

Tip style 1

