

High Current Probes

HC200F06G75PT100

Item number 1089286

General

Design	Coaxial Probe
Type/family	HC200
Pitch (mm/mil)	25,0 / 984
Temperature [C°]	-45°C...+200°C
Additional definition	F

Electrical specifications

Continuous current (A)	300.00
Typical contact resistance (mOhm)	1.00
Continuous current 2 (A)	5.00

Inner contact specifications

Preload 2 (cN)	60.00
Spring force 2 (cN)	150.00

Mechanical specifications

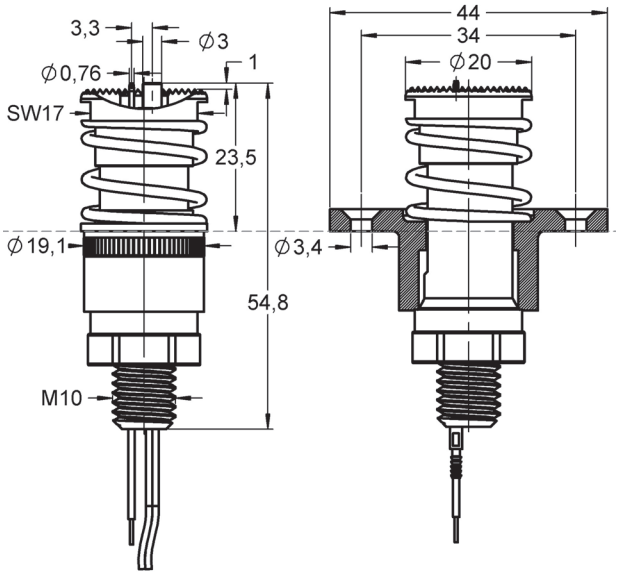
Preload (cN)	3500.00
Spring force (cN)	7500.00
Nominal travel (mm)	5.60
Maximum travel (mm)	7.00
Thread	M10
Tool size (mm)	17

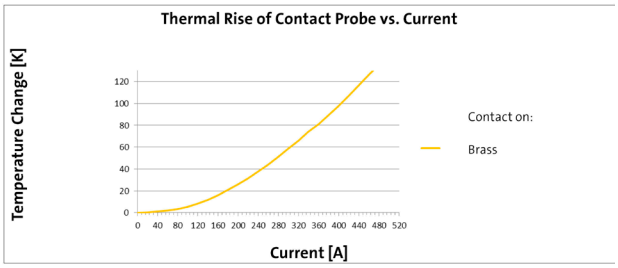
Dimensions

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
Inside/outside distance (mm)	1.00
Tip style diameter 2 (mm)	0.76

Family drawing

All measurements are in mm.





Materials & surfaces

Tip style	06
Tip style 2	21
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
Plunger material 2	Beryllium cooper
Plunger plating 2	Gold
Spring material 2	High-grade steel
Spring plating 2	Uncoated