

High Current Probes

HC120B06G10

Item number 1012657

General

Design	Coaxial Probe
Type/family	HC120
Pitch (mm/mil)	13,0 / 512
Temperature [C°]	-45°C...+200°C
Additional definition	B

Electrical specifications

Continuous current (A)	75.00
Typical contact resistance (mOhm)	3.00
Continuous current 2 (A)	5.00
Typical contact resistance 2 (mOhm)	20.00

Inner contact specifications

Nominal travel 2 (mm)	1.50
Maximum travel 2 (mm)	3.50
Preload 2 (cN)	130.00
Spring force 2 (cN)	220.00

Mechanical specifications

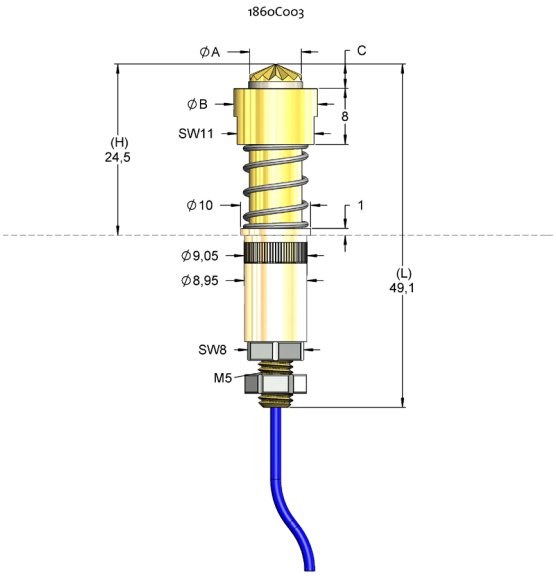
Preload (cN)	450.00
Spring force (cN)	1000.00
Nominal travel (mm)	4.00
Maximum travel (mm)	7.00
Tool size (mm)	11,0
Connection type (flux-proof)	Thread

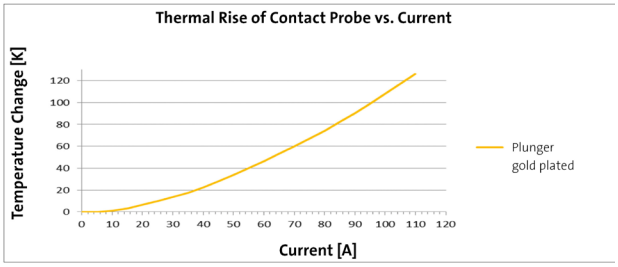
Dimensions

Total length (mm)	49.10
Projection height (mm)	24.50
Tip style diameter (mm)	12.00
Barrel diameter (mm)	8.95
Collar diameter (mm)	10.00
Press ring diameter (mm)	10.00
Inside/outside distance (mm)	3.50
Tip style diameter 2 (mm)	7.40

Family drawing

All measurements are in mm.





Materials & surfaces

Tip style	06
Tip style 2	07
Tip style material	Brass
Tip style plating	Gold
Plunger material	Brass
Plunger plating	Gold
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