

High Current Probes

HCB166B12ALS90

Item number 1045058

General

Design	Basic Contact Probe
Type/family	HCB166
Pitch (mm/mil)	25,0 / 984
Temperature [C°]	-45°C...+200°C
Additional definition	B

Electrical specifications

Continuous current (A)	400.00
Typical contact resistance (mOhm)	5.00

Mechanical specifications

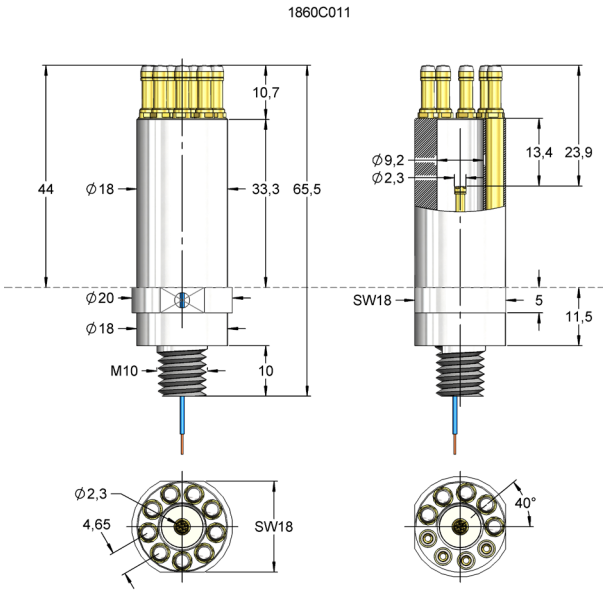
Preload (cN)	500.00
Spring force (cN)	9000.00
Nominal travel (mm)	4.40
Maximum travel (mm)	5.50
Thread	M10
Tool size (mm)	18
Connection type (flux-proof)	Thread

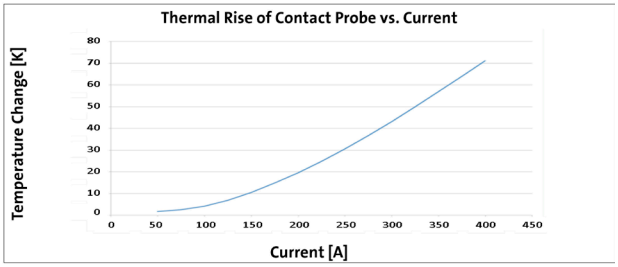
Dimensions

Total length (mm)	65.50
Projection height (mm)	10.50
Tip style diameter (mm)	3.00
Barrel diameter (mm)	18.00
Collar diameter (mm)	20.00
Press ring diameter (mm)	20.00

Family drawing

All measurements are in mm.





Materials & surfaces

Tip style	12A
Tip style material	Silver
Tip style plating	Uncoated
Plunger material	Silver
Plunger plating	Uncoated
Barrel material	Brass
Barrel plating	Gold
Spring material	High-grade steel
Spring plating	Uncoated