



High Current Probes

HCE08FB52S28E195

Order code 1040083

General

Design	Basic Contact Probe
Family	HCE08F
Pitch [mm/mil]	16.5 / 649
Temperature [C°]	-45°C...+200°C
Additional definition	B

Electrical specifications

Continuous current [A]	200.00
Typical contact resistance [mOhm]	1.00
Continuous current 2 [A]	2.00
Typical contact resistance 2 [mOhm]	10.00

Mechanical specifications

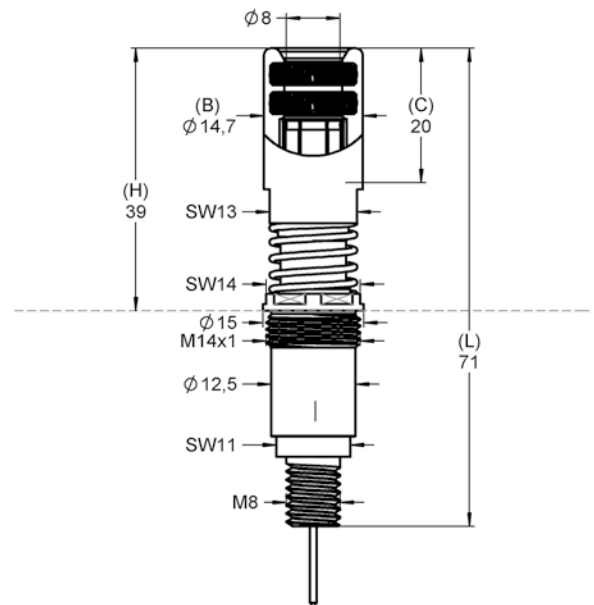
Preload [cN]	2320.00
Spring force [cN]	2800.00
Nominal travel [mm]	4.00
Maximum travel [mm]	5.00
Thread	M14X1
Tool size [mm]	14
DUT	HVSL-8000 MALE

Dimensions

Total length [mm]	71.00
Projection height [mm]	39.00
Tip style diameter [mm]	8.00
Barrel diameter [mm]	12.50
Collar diameter [mm]	15.00
Press ring diameter [mm]	15.00
Tip style diameter 2 [mm]	7.90

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	52
Tip style 2	55
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	Gold

Tip style 1



Tip style 2

