



HC09-08040

High current probe up to 60 A for Ø4mm round pins with finger protection



NEW

HC09A52B100G08040

Centers (mm/mil)	8,0 / 314
Current	60 A
R typ	<2 mOhm
Temperature	-45°C...+200°C (H)

Spring Force (cN ±20%)

Version	Preload	Nominal
Standard	600	1000

Travel (mm)

Version	Nominal	Maximum
Standard	4,4	5,5
Thread (M)	M5x0,5	
Wrench Size	6,0/3,5	
Pointing Accuracy	±0,10 mm	

Materials and Plating

Plunger head	Brass, gold plated
Plunger	Brass, gold plated
Barrel	Brass, unplated
Spring	Stainless steel, unplated

Accessories

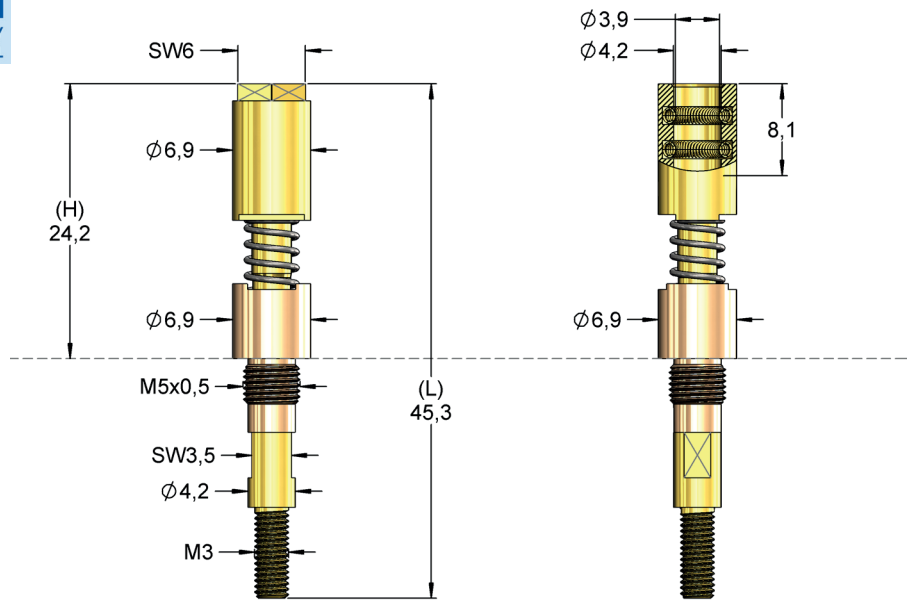
Insertion tool probe	open-end wrench SW 6,0
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Drill Size (mm)

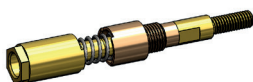
HC09	M5x0,5
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Projection Height (mm)

HC09	24,2
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M1:1

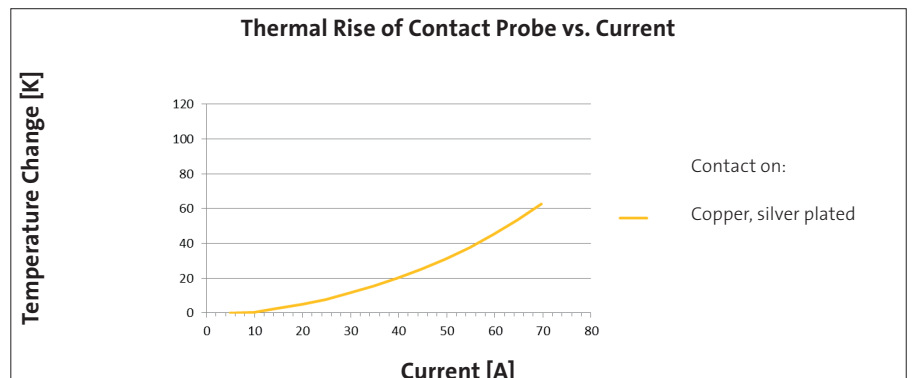


The challenge in the field of e-mobility is a scratch-free contacting of a round pin with finger protection on the end face. The HC09 is the perfect solution for use with pin Ø4.0 mm.

Recommended cable cross-section: 16 mm².

Advantages of E-Mobility probes:

- Very high contact reliability
- Very high vibration resistance
- Low contact resistance
- Very high current carrying capacity
- Compensation of tolerances and unevenness



Order Code	Tip Style	Number	Material	Ø in mm	Plating	Version
HC09A52B100G08040		52	M	6,90	G	A
HC09B52B100G08040		52	M	6,90	G	B
HC09G52B100G07040		52	M	6,90	G	G