



High Current Probes

HCF76289B310150750G300

Order code 1015017

General

Design	Basic Contact Probe
Family	HCF762
Pitch [mm/mil]	4.00 / 157
Temperature [C°]	-45°C...+200°C

Electrical specifications

Continuous current [A]	40.00
Typical contact resistance [mOhm]	5.00

Mechanical specifications

Preload [cN]	70.00
Spring force [cN]	300.00
Nominal travel [mm]	4.00
Maximum travel [mm]	5.00
Pointing accuracy +/- [mm]	0.05
Thread	M2.5
Tool size [mm]	2.6

Dimensions

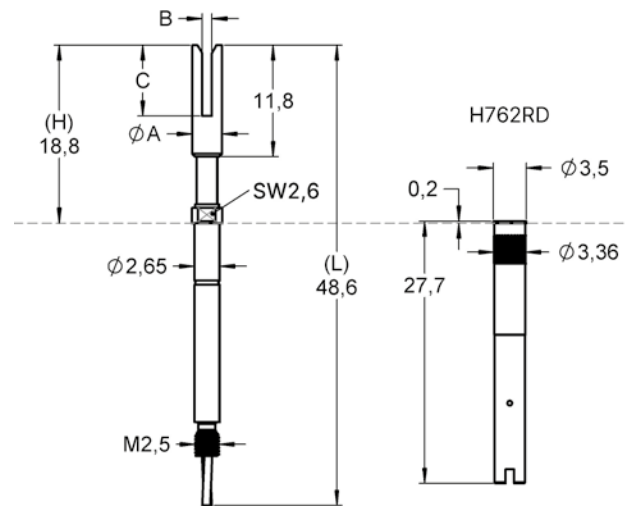
Total length [mm]	48.60
Projection height [mm]	18.80
Tip style diameter [mm]	3.10
Barrel diameter [mm]	2.65
Collar diameter [mm]	3.20
Press ring diameter [mm]	3.20

Materials & surfaces

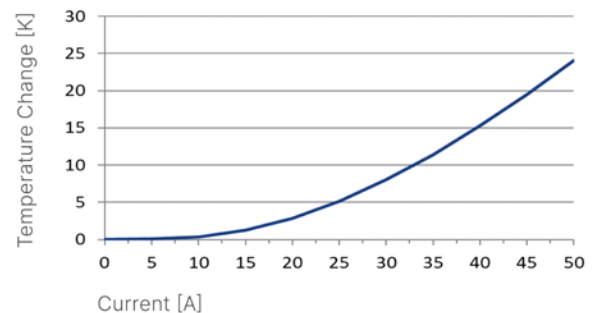
Tip style	89
Plunger material	Beryllium copper
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Gold
Spring material	High-grade steel
Spring plating	Uncoated

Family drawing

All measurements are in mm.



Thermal Rise of Contact Probe vs. Current



Accessories

Tool for receptacle	FAWZ761
Tool for probe	1008822-FWZ885S1, 1029833-FWZ885S1T
Other	1009947-H762RD

Tip style 1

