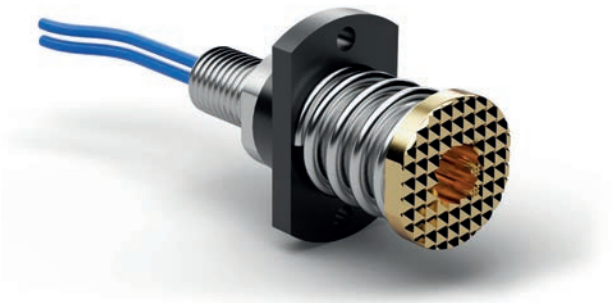


HIGH CURRENT COAXIAL PROBES



Electrical specifications

Temperature [°C]	-45°...+200°	
	SENSE	POWER
Current [A]	20	200
R TYP [mOhm]	30	<3

Mechanical specifications

	SENSE	POWER	SENSOR
Preload [cN]	130	3500	-
Spring force [cN] at nt ±20%	400	7200	-
Nominal travel [mm]	2.2	5.0	-
Maximum travel [mm]	4.4	7.0	-

Materials and plating

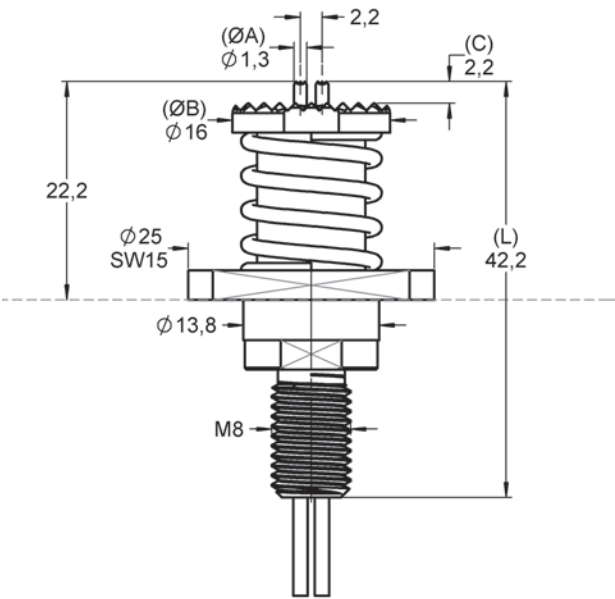
Contact SENSE	BeCu	gold plated
Contact POWER	BeCu	gold plated
Barrel	Brass	silver plated
Spring	Stainless steel	unplated
Spring	Stainless steel	unplated
Flange	Brass	nickel plated

HC160

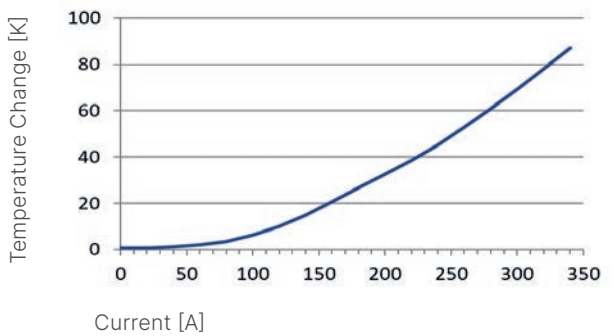
200 A | 708 mil | Flanged



Series drawing

All measurements are in mm.



Thermal Rise of Contact Probe vs. Current



Order code	Product name	Power	Sense 1	Ø A	Ø B	C	H	Thread [M]	Version	FM Choice
1116866	HC160D06G80	06 	06 	1.3	16.0	2.2	22.2	M8	-	-