

HIGH CURRENT COAXIAL PROBES



HC200

300 A | 984 mil | Plugged

Electrical specifications

Temperature [°C]	-45°...+200°	
	SENSE	POWER
Current [A]	20	300
R TYP [mOhm]	30	<1

Mechanical specifications

	SENSE	POWER	SENSOR
Preload [cN]	60	3500	70
Spring force [cN] at nt ±20%	150	7000	200
Nominal travel [mm]	4.0	5.6	3.0
Maximum travel [mm]	5.0	7.0	4.0

Materials and plating

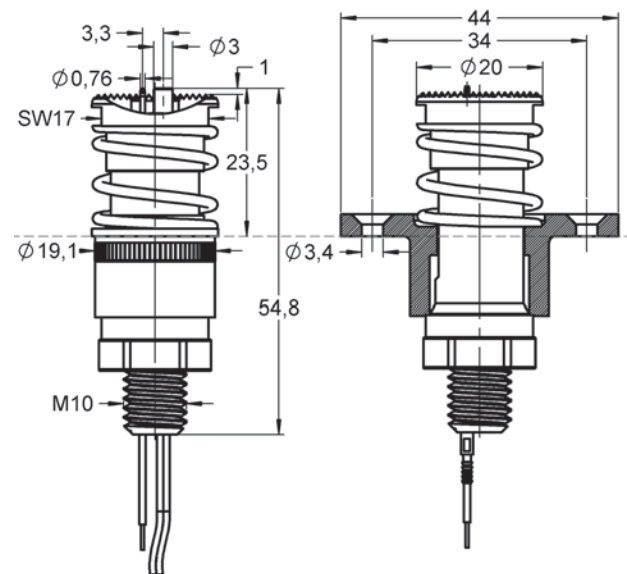
Contact SENSE	BeCu	gold plated
Contact POWER	BeCu	gold plated
Barrel	Brass	unplated
Spring	Stainless steel	unplated
Spring	Stainless steel	unplated

Drill size recommendation (mm)

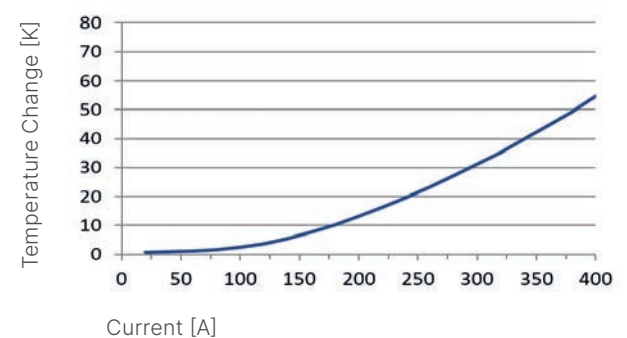
Probe	HC200	19.03 - 19.08
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Series drawing

All measurements are in mm.



Thermal Rise of Contact Probe vs. Current



Order code	Product name	Power	Sense 1	Sense 2	Sensor	Cooling	Thread [M]	Version	FM Choice
1120150	HC200B06G71CF	06	21	-	-	x	M10	CF	-
1033974	HC200B06G71	06	21	-	-	-	M10	-	-
1034018	HC200C06G72TYPK	06	-	-	Typ K	-	M10	-	-
1120646	HC200D06G73TYPKC	06	21	-	Typ K	x	M10	C	-
1083894	HC200F06G75TYPK	06	21	21	Typ K	-	M10	-	-