

Breakout Cable - 10K Thermistor

Model BB-WCHCBL

B+B SMARTWORX

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KEY FEATURES

- + Body Size: $\varnothing 3$ mm
- + Radial Lead Resin Coated
- + Operating Temperature Range: -40 to $+125$ °C
- + Wide Resistance Range
- + UL, cUL, TUV, CQC, RoHS Compliant

OVERVIEW

The Breakout Cable provides a 10K thermistor along with easy connections to other sensors. Plug in the BB-WCHMS door sensor. Wire any analog sensor to the stripped and tinned wires.

ORDERING INFORMATION

MODEL NO.	DESCRIPTION	LEAD LENGTH	COLOR
BB-WCHCBL	Breakout Cable (10K thermistor)	~1981mm (30 in)	Black

SPECIFICATIONS

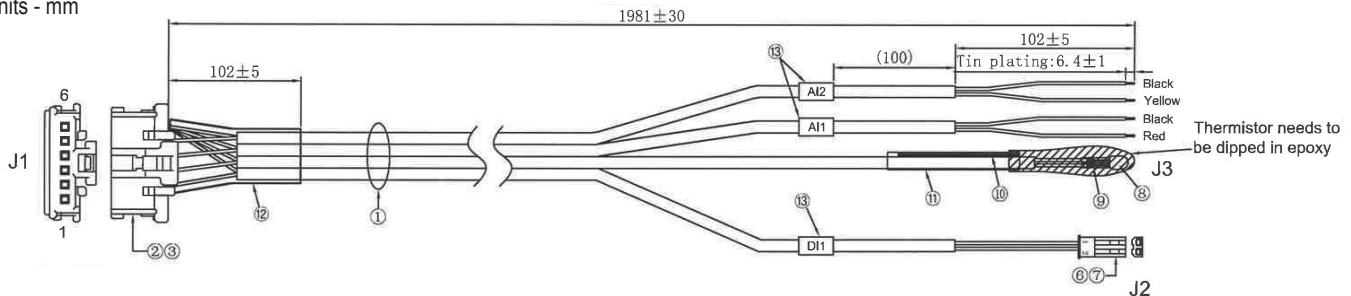
Product Type	Body Size	Definition of B Value	Zero Power Resistance at 25°C	Tolerance of R_{25}	B Value	Tolerance of B Value	Optional Suffix
TTV	3 ($\varnothing 3$ mm)	A ($B_{25/25}$)	103 (10 k Ω)	F +/- 1%	39H (3975)	1 +/- 1%	Y (RoHS Compliant)

SCHEMATIC

CONN	PIN	COLOR	PIN	CONN
J1	2	Blue	2	J2
J1	3	Green		J3
J1	4	Red		Tin plating
J1	5	Yellow		Tin plating
J1	6	Black	1	J2
		Black		J3
		Black		Tin plating
		Black		Tin plating

MECHANICAL DRAWING

Units - mm



- ① Cable: UL 2464 22AWG/2C (Black, Yellow) Jacket: black OD:4.0mm
- Cable: UL 2464 22AWG/2C (Black, Red) Jacket: black OD:4.0mm
- Cable: UL 2464 22AWG/2C (Black, Green) Jacket: black OD:4.0mm
- Cable: UL 2464 22AWG/2C (Black, Blue) Jacket: black OD:4.0mm
- ② Terminal: 56134-9000
- ③ Housing: 51382-0601

- ④ -
- ⑤ -
- ⑥ Terminal: SYF-001T-P0.6(LF)(SN)
- ⑦ Housing: SYP-02T-1
- ⑧ Thermistor: TTC 3A103F39HIEY

- ⑨ UL Heat shrink tubing black: $\varnothing 1.0 \times 12$ mm
- ⑩ Internal wire AL: $\varnothing 1.6 \times 145$ mm
- ⑪ UL Heat shrink tubing black: $\varnothing 5.0 \times 160$ mm
- ⑫ UL Heat shrink tubing black: $\varnothing 10.0 \times 100$ mm
- ⑬ UL Heat shrink tubing black: $\varnothing 5.0 \times 10$ mm (printing A11, A12, D11)

All product specifications are subject to change without notice.

BB-WCHCBL_3018d

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