

Service Bulletin 100

August 29, 2017

Maximum Wire Lengths for Snow / Ice Sensor 090

The following table shows the maximum wire length for the Snow / Ice Sensor 090.

The “Max Added Length” column shows the additional length of wire that can be added to the 090's existing 65'.

All splices must be:

- soldered individually
- heat shrunk individually
- located in a dry junction box, preferably inside the building

For a more robust connection and long term signal quality, it is recommended to heat shrink the cable jacket.

AWG (solid copper wire)	Maximum wire length for 090	
	Max. Added Length (feet)	Total combined feet, including factory 65'
10	2787	2852
12	1760	1825
14	1103	1168
16	692	757
18	435	500
20	276	341

If you have any questions, please call tekmar customer service at phone: 1-250-545-7749 or email : tekmar.customerservice@wattswater.com.

Sincerely,

Randy Baerg

tekmar Control Systems Ltd.

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