

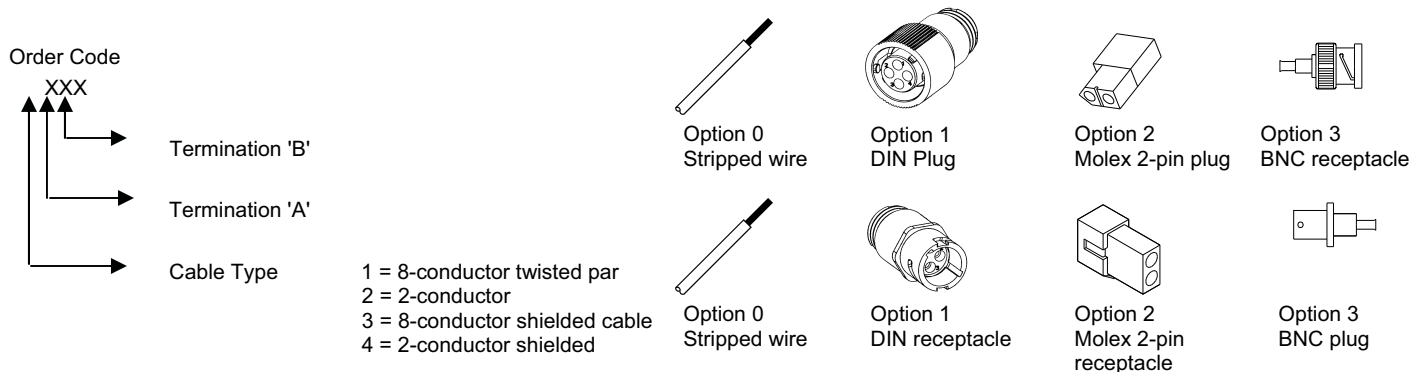
# CABLES

## Controller Cables

Use the selection guide below to configure an accessory cable to the length necessary for your application. Please refer to the information at the bottom of the table for maximum lengths.

CONTROLLER CABLE Selection Guide		CBL	XXX
<b>CABLE TYPE</b>		121 = Multi-port drum level, 4 drum levels 101 = Water Meters, Analog Input, Analog Output, Dry Contact Alarms 211 = Extension Cable for Flow Switch 111 = Extension Cable for Conductivity Sensor 311 = Extension Cable for Conductivity Sensor 433 = Extension Cable for pH/ORP 222 = Extension Cable for single point drum levels	
<b>AGENCY APPROVAL</b>		X = No agency approval required A = CE Approval (required for use with CE approved options)	
<b>CABLE LENGTH</b>		003 = 3 ft. standard minimum length XXX = Desired length in feet up to maximum allowed by application (see below)	
<b>Cable Application</b>	<b>1 ft = 0.30 m    1m = 3.28 ft</b>		<b>Maximum</b>
Level Wands .....			500 ft / 152.5 m
Flow Switch .....			500 ft / 152.5 m
Series 9000 Conductivity Sensor .....			200 ft / 61 m
DCS 900 Conductivity Sensor .....			35 ft / 10.5 m
Level Wands - multiple wands (4) in one cable .....			500 ft / 152.5 m
4-20mA Signals .....			500 ft / 152.5 m
Dry Contact Water Meters .....			500 ft / 152.5 m
Hall Effect (paddle wheel) water meters .....			500 ft / 152.5 m
pH/ORP - for distances greater than 30 ft/9.2m, you must use a preamp. ....			1000 ft / 305 m

The following diagrams indicate the type of terminals on the cable based on the three digit order code.



### pH Preamp Options (Extension Cable Required)

- 04-046-16 Preamp with power supply only
- 04-046-18 Preamp with battery pack only
- 04-046-20 Replacement battery for preamp
- 45-000-25-1 Preamp with power supply and flow assembly plug