

## Q-Series Remote Sensing Cables



Figure 1. QFA Critical Environment Humidity Sensor with AQY2010 Cable.

### Description

The Q-Series Remote Sensing Cables allow the 2% accuracy or certified relative humidity sensing tips to be remotely mounted from their housings on any QFA31xx, QFA41xx, QFM31xx or QFM41xx units. The cable assemblies are available in two lengths—10 feet and 30 feet.

The cables also facilitate the use of humidity sensors from Siemens Industry, Inc. as monitoring instruments for salt bath humidity chambers and other types of laboratory humidity chambers. A wall or duct mounting bracket with screws and grommet (to secure the tip) is included with the cable.

Simply unscrew the sensing tip from the housing base, fit the cable in the place where the tip normally connects, then attach the sensing tip on the opposite end of the cable. All connections are keyed and screw on, using Lumberg type connections.

### Ordering Information

Part Number	Description
AQY2010	Cable for Remote rh Tip Connection, 10 feet
AQY2030	Cable for Remote rh Tip Connection, 30 feet

### General Specifications

Connection type	MICRO (M12)
Dimensions	Outside diameter: 0.210-inch
Cable Material	Cable: PVC Jacket 22 AWG UL AWM 2661, 26 x 36 copper stranding, 300V  Oil-resistant, IP68 and NEMA 6P rated
Cable Temperature Rating (range)	-40°F to 194°F (-40°C to 90°C)
Mounting Bracket Dimensions	Material: 16 ga 304 stainless steel Protruding from wall: 2" x 2" (51 mm x 51 mm) Mounting flange: 1" x 2" (25 mm x 51 mm) with three mounting holes on 0.70" centerlines
Color	Yellow
UL listing	UL File Number E145137 (ZKLU) UL File Number certified for Canada E145137 (ZKLU7)
CE	RoHS Directive: 2011/65/EU Standard: EN 50581

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