

Weather/Environmental



Barometric Pressure
S-BPB-CM50
 50 cm (20 in) Cable

Range: 660 mbar to 1070 mbar (19.47 to 31.55 in. Hg)
 Accuracy: ± 3.0 mbar (0.088 in. Hg) over full pressure range at 25°C (77° F) max error of ± 5.0 mbar (0.148 in. Hg) over -40° to +70°C (-40° to +158°F)
 Resolution: 0.1 mbar (0.003 in. Hg)
 User connection: 2-wire input (24 AWG wire; 2 wire nuts included)

Includes cable ties for mast mounting.

Recommended for use with the HOBO U30 Remote Monitoring System.

	√	♦	√				
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



Leaf Wetness
S-LWA-M003

Sensor Plate
 4.7 x 5.1 cm
 (1.8 x 2.0 in) Tube
 12.2 cm x 1.8 cm diameter
 (4.8 x 0.7 in) Cable 3 m (9.8 ft)

Range: 0 (dry) to 100% (wet)
 Sensor Type: Capacitive Grid
 Repeatability: $\pm 5\%$
 Resolution: 0.59%

Includes mounting bracket. Adjustable angle allows better matching to leaf characteristics.

	√	♦	√				
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



Photosynthetically Active Radiation (PAR)
S-LIA-M003
 3 m (9.8 ft) Cable

Range: 0 to 2500 $\mu\text{mol}/\text{m}^2/\text{sec}$
 Spectral range: 400 to 700 nm
 Accuracy: ± 5 $\mu\text{mol}/\text{m}^2/\text{sec}$ or $\pm 5\%$, whichever is greater in sunlight. Cosine corrected 0 to 80 degrees
 Resolution: 2.5 $\mu\text{mol}/\text{m}^2/\text{sec}$

Light sensor bracket (M-LBB) and light sensor level (M-LLA) recommended.

	√	♦	√				
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



Solar Radiation (Silicon Pyranometer)
S-LIB-M003
 3 m (9.8 ft) Cable

Range: 0 to 1280 W/m^2
 Spectral range: 300 to 1100 nm
 Accuracy: $\pm 10 \text{ W}/\text{m}^2$ or $\pm 5\%$ whichever is greater in sunlight. Cosine corrected 0 to 80 degrees
 Resolution: 1.25 W/m^2

Light sensor bracket (M-LBB) and light sensor level (M-LLA) recommended.

	√	♦	√				
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



♦ These sensors are not generally used with the H22-001, but they are compatible as long as the H22 is in an indoor environment



Rain Gauge Smart Sensors

0.2 mm: S-RGB-M002

0.01in: S-RGA M002

Cable 2 m (6.5 ft)

Mechanism: Tipping bucket, with 154 mm (6.06 in) receiving orifice
 Range: Up to 12.7 cm/hr or 5 in/h, maximum 4000 tips per interval
 Resolution: 0.2 mm (S-RGB) and 0.01 in. (S-RGA)
 Calibration accuracy: $\pm 1.0\%$ at up to 20 mm/hour or 1 in/hour
Comes with side bracket for post or tripod mount and feet for surface mount.

	√	♦	√				
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



Soil Moisture-10HS

S-SMD-M005

160 x 32 x 2 mm
 (6.5 x 1.25 x 0.08 in)
 Cable 5 m (16 ft)

Range: 0 to $0.57 \text{ m}^3/\text{m}^3$ volumetric water content
 Accuracy: Typical: $\pm 0.033 \text{ m}^3/\text{m}^3$ ($\pm 3\%$) up to 10 ds/m,
 $\pm 0.020 \text{ m}^3/\text{m}^3$ ($\pm 2\%$) with soil-specific calibration
 Resolution: $\pm 0.0008 \text{ m}^3/\text{m}^3$ ($\pm 0.08\%$)

	√	♦	√				
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120

Note: no more than 6 per H21-002 logger
 For CE compliant solution, use part number T-DEC-10HS with U30 Analog Sensor (VIA)



Soil Moisture-EC-5

S-SMC-M005

89 x 15 x 1.5 mm
 (3.5 x 0.62 x 0.06 in)
 Cable 5 m (16 ft)

Range: 0 to $0.55 \text{ m}^3/\text{m}^3$ volumetric water content
 Accuracy: Typical: $\pm 0.031 \text{ m}^3/\text{m}^3$ ($\pm 3\%$) up to 8 ds/m,
 $\pm 0.020 \text{ m}^3/\text{m}^3$ ($\pm 2\%$) with soil-specific calibration
 Resolution: $\pm 0.0007 \text{ m}^3/\text{m}^3$ ($\pm 0.07\%$)

	√	♦	√				
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120

♦ These sensors are not generally used with the H22-001, but they are compatible as long as the H22 is in an indoor environment



12-bit Temperature S-TMB-M0xx

2 m, 6 m, 17 m
cable lengths available:
(6.5 ft, 20 ft, 56 ft)

Range: -40° to 75°C (-40° to 212°F)
Accuracy: $\pm 0.21^\circ$ from 0° to 50°C ($\pm 0.38^\circ$ from 32° to 122°F)
Resolution: 0.03° from 0° to 50°C (0.054° from 32° to 122°F)
Environment: Sensor tip and cable rated for 1-year immersion
in fresh water $\leq 50^\circ\text{C}$ (122°F)
Response Time: < 3 minutes (to 90% in airflow of 1 m/s)
*Solar radiation shield (RS3) recommended for accurate temperature
measurements in sunlight.*

	√	√	√				
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



Temperature/RH S-THB-M00x

cable lengths available
2 m, 8 m, (6.5 ft, 26 ft)

Ranges: -40° to 75°C (-40° to 167°F); 0 to 100%
RH from -40° to 75°C (-40° to 167°F)
Accuracy: $\pm 0.21^\circ$ @ 25°C ($\pm 0.386^\circ$ @ 77°F);
 $\pm 2.5\%$ typical, 3.5% maximum, from 10 - 90% RH
Resolution: 0.02° @ 25°C (0.04° @ 77°F); 0.1% RH @ 25°C (77°F)
Response Time: Temp: 5 minutes, RH: 5 minutes (to 90% in airflow of 1 m/s)
Data Channels: 2

*Solar radiation shield (RS3) recommended for accurate
temperature measurements in sunlight.*

	√	√	√				
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



Wind Sensor Set S-WSET-A

3 m (9.8 ft) Cables

Range:	0 to 45 m/s (0 to 100 mph)	Wind Direction	0 to 355 degrees, 5 degree dead band
Accuracy:	± 1.1 m/sec (24 mph) or $\pm 4\%$ of reading, whichever is greater		± 5 degrees
Resolution:	0.38 m/s (0.8 mph)		1.4 degrees
Starting threshold:	1.0 m/s (2.2 mph)		1.0 m/s (2.2 mph)
Data channels:	2**		1**
Logger Inputs:	1		1

Survival to 54 m/sec (120 mph)
Full Cross Arm (M-CAA) recommended for mounting

Note: This wind sensor set includes the Wind Speed (S-WSA-M003) and Wind Direction (S-WDA-M003) smart sensors which are also sold separately.
Please visit onsetcomp.com for more details.

	√	♦	√				
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



♦ These sensors are not generally used with the H22-001, but they are compatible as long as the H22 is in an indoor environment



**R.M. Young
Wind Monitor-AQ
(model 05305) Adapter
S-WCB-M003**

3m (9.8 ft) cable from the adapter housing that plugs into logger. Adapter housing dimensions – 19.6 cm (7.7 in) long, 2.7 cm (1.05 in) diameter

Range: 0 to 50 m/s (0 to 112 mph)
Accuracy: 0.20 m/s (0.4 mph)
Data channels: 3 (average wind speed, direction, and highest 3 second gust)

Speed

Direction

0 to 360 degrees
± 3 degrees

NOTE: This adapter is not compatible with models 05305L or 05305V

	✓	♦	✓				
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



**R.M. Young
Marine Wind Monitor
(model 05106) Adapter
S-WCC-M003**

3m (9.8 ft) cable from the adapter housing that plugs into logger. Adapter Housing Dimensions – 19.6 cm (7.7 in) long, 2.7 cm (1.05 in) diameter.

Range: 0 to 100 m/s (0 to 224 mph)
Accuracy: ± 0.3 m/s (0.6 mph)
Data channels: 3 (average wind speed, direction, and highest 3 second gust)

Speed

Direction

0 to 355 degrees
± 3 degrees

NOTE: This adapter is not compatible with models 05603C or 05631C

	✓	♦	✓				
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



**R.M. Young
Wind Sentry
(model 03002) Adapter
S-WCD-M003**

3m (9.8 ft) cable from the adapter housing that plugs into logger. Adapter Housing Dimensions – 19.6 cm (7.7 in) long, 2.7 cm (1.05 in) diameter

Range: 0 to 50 m/s (0 to 112 mph)
Accuracy: 0.25 m/s (0.55 mph)
Data channels: 3 (average wind speed, direction, and highest 3 second gust)

Speed

Direction

0 to 355 degrees
1.4 degrees

NOTE: This adapter is not compatible with models 03002L or 03002M

	✓	♦	✓				
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



**R.M. Young
Wind Monitor adapter for Wind/Alpine
(models 05103, and 05103-45)
S-WCE-M003**

3m (9.8 ft) cable from the adapter housing that plugs into logger. Adapter Housing Dimensions – 19.6 cm (7.7 in) long, 2.7 cm (1.05 in) diameter

Range: 0 to 100 m/s (224 mph)
Accuracy: ± 0.3 m/s (0.6 mph)
Data channels: 3 (average wind speed, direction, and highest 3 second gust)

Speed

Direction

0 to 360 degrees
± 3 degrees

NOTE: This adapter is not compatible with models 05103L, 05103V, 05103L-45, or 05103V-45

	✓	♦	✓				
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



♦ These sensors are not generally used with the H22-001, but they are compatible as long as the H22 is in an indoor environment

Analog and digital Adapters for connecting sensors



**0-5V Input Adapter
S-VIA-CM14**

Range: 0-5V DC
Accuracy: $\pm 0.025V$
Resolution: 1.221 millivolts
Sensor trigger: Open collector or 2.5V

	✓	✓	✓				
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



**4-20mA
Input Adapter
S-CIA-CM14**

Range: 0-20 mA
Accuracy: ± 0.1 mA
Resolution: ± 4.93 μA
Choice of non-switched or switched input to save external battery power
Sensor trigger: 2.5 V

	✓	✓	✓				
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



**Electronic Pulse
Input Adapter
S-UCC-M00X**

cable lengths available:
1 M, 6 M, (3.3 ft, 21 ft)

Maximum Frequency: 120 Hz (120 pulses per second)
Range: 0-65, 533 counts per logging interval
User Connection: 2-wire input (wire nuts included)

	✓	✓	✓				
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



**Contact Closure Pulse
Input Adapter
S-UCD-M00X**

cable lengths available:
1 M, 6 M, (3.3 ft, 21 ft)

Maximum Frequency: 120 Hz (120 pulses per second)
Range: 0-65, 533 counts per logging interval
User Connection: 2-wire input (wire nuts included)

	✓	✓	✓				
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



**U30 Built in Analog
Input Port (2 inputs)
VIA**

Inputs: 2 channels – User configured as 0-20mA or 0-20VDC
Sensor Power: Switched 12 VDC, up to 50 mA: user-selectable warm-up from 5 milliseconds to 2 minutes
Scaling: Linear scaling to user units
Accuracy: $\pm 0.25\%$ full scale

	✓	✓	✓				
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



Energy/Power



Power & Energy Meter
T-VER-E50B2

Ranges: 90 – 600 Volts AC; 5 to 32,000 Amps AC; Wye & Delta Configurations; One to Three phase AC System
Measurement Type: True RMS up to the 21st Harmonic 60 Hz
Accuracy: ANSI 12.20 0.5%, IEC 62053-22 Class 0.5S

	✓	✓	✓		✓		✓	CE
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120	



AC Voltage
T-CON-ACT-xxx
11.4 x 7.3 x 3.25 cm
(4.49 x 2.87 x 1.28 in)
300 g (10.6 oz)

Ranges: 90 to 150 or 180 to 300 volts RMS
Accuracy: 0.1% of span

Self-powered transmitter for monitoring sine wave, single-phase 60Hz AC voltage. Requires 4-20mA Input Cable (CABLE-4-20mA) for use with HOBO U12 loggers.

				✓	✓		
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



Split-Core AC Current Sensors
CTV-x
Cable length: 1.8 m (6 ft)

Ranges: 0-20, 0-50, 0-100, 0-200, 0-600
Accuracy: ± 4.5% of full scale

				✓	✓			CE
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120	



AC Current Switch
CSV-A8

Range: .5 to 175 Amps continuous

						✓	✓	CE
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120	



AC Current
T-MAG-0400-XX

Ranges: 0-5, 0-10, 0-20, 0-50, 0-75 Amps
Accuracy: ±1% (from 10% to 130% of rated voltage)

	✓	✓					✓	CE
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120	



AC Current
T-MAG-SCT-XXX

Ranges: 0-5, 0-20, 0-50, 0-100, 0-200, 0-600 Amps
Accuracy: $\pm 1\%$ (from 10% to 130% of rated voltage)

	✓	✓				✓	CE
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



AC Voltage
T-MAG-SPT-XXX

Ranges: 0-150, 0-300, 0-600 volts
Accuracy: $\pm 1\%$ (from 10% to 130% of rated voltage)

	✓	✓				✓	
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



Air Velocity Sensor
T-DCI-F900-S-P
T-DCI-F900-S-O

Ranges: 0.15 to 10 m/s (30 to 1969 fpm)
Accuracy: Greater of 10% of reading or ± 0.05 m/s or 1% full-scale
Ranges: 0.15 to 5 m/s (30 to 985 fpm)

	✓	✓		✓	✓		
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



Air Velocity Sensor
T-DCI-F900-L-P
T-DCI-F900-L-O

Ranges: 0.15 to 10 m/s (30 to 1969 fpm)
Accuracy: Greater of 10% of reading or ± 0.05 m/s or 1% full-scale
Ranges: 0.15 to 5 m/s (30 to 985 fpm)

	✓	✓		✓	✓		
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



Carbon Dioxide/Temp
TEL-7001

Ranges: 0 to 2500 ppm CO₂, 0° to 40°C (32° to 104°F)
Accuracy: ± 50 ppm or $\pm 5\%$ of reading; $\pm 1^\circ\text{C}$ ($\pm 2^\circ\text{F}$)

	✓	✓		✓	✓		CE
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



**Compressed Air
Flow Meter**
T-CDI-5200-10S

Ranges: 1 to 80 SCFM
Accuracy: calibrated range: 5% of reading plus 1% of F.S. between 40° and 120° F
Can be configured for either analog or pulse output.

	√	√	√		√		
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



Compressed Air Flow Meter
T-CDI-5400-20S

Ranges: 3 to 350 SCFM (3 to 600 SCFM extended range)
Accuracy: calibrated range: 5% of reading plus 1% of F.S. between 40° and 120° F
Can be configured for either analog or pulse output.

	√	√	√		√		
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



**Split-Core Bi-Polar
DC Transducer**
T-VER-971BP-200

Ranges: -200 to 200 Amps DC
Accuracy: +/- 0.5A F.S.

	√	√		√	√		
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



**Split-Core 200A
DC Transducer**
T-VER-H970-200

Ranges: 0 to 200 Amps DC (selectable 0-50, 0-100, 0-200)
Accuracy: +/- 3% F.S.

	√	√		√	√		
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



Differential Air Pressure Transducer with LCD
T-VER-PXU-L

Ranges: User selectable: 0.1; 0.25; 0.50; 1.0; 2.5; 5.0; 10.0 "WC
(inches of water column)
Accuracy: +/- 1% F.S. of selected range

	✓	✓		✓	✓		
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



Differential Air Pressure Transducer
T-VER-PXU-X

Ranges: User selectable: 0.1; 0.25; 0.50; 1.0; 2.5; 5.0; 10.0 "WC
(inches of water column)
Accuracy: +/- 1% F.S. of selected range

	✓	✓		✓	✓		
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



Gauge Pressure
T-ASH-G2-XXX

Ranges: 0-100, 0-200, 0-500 psig
Accuracy: ±1% of span from -20° to 85°C (-4° to 185°F)

	✓	✓		✓	✓		
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



kWh Transducer
T-WNB-3X-XXX

Works with CTs (T-MAG-XXX-XXX) to provide True RMS kilowatt hours of energy used, even for loads with non-sinusoidal waveforms.
Ranges: 208/240 VAC and 480 VAC ±15% Delta and Wye systems
Accuracy: ±0.45% of reading ±0.05% FS through 25th harmonic

	✓	✓	✓		✓	✓	✓
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120





kW Transducer
T-VER-8044-100

Ranges: 3 phase, 50/60 Hz, 480 VAC, 0 to 100 Amps
Accuracy: $\pm 3\%$ per ANSI C12.1 (from 10% to 100% of CT rating)

	✓	✓		✓	✓		
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



12-bit Temperature
S-TMB-M0xx
2 m, 6 m, 17 m
cable lengths available:
(6.5 ft, 20 ft, 56 ft)

Range: -40° to 75°C (-40° to 212°F)
Accuracy: $\pm 0.21^{\circ}$ from 0° to 50°C ($\pm 0.38^{\circ}$ from 32° to 122°F)
Resolution: 0.03° from 0° to 50°C (0.054° from 32° to 122°F)
Environment: Sensor tip and cable rated for 1-year immersion in fresh water $\leq 50^{\circ}\text{C}$ (122°F)
Response Time: < 3 minutes (to 90% in airflow of 1 m/s)
Solar radiation shield (RS3) recommended for accurate temperature measurements in sunlight.

	✓	✓	✓				
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



Air/Water/Soil/Temperature
TMCx-HD

Sensor diameter: 0.5 cm
(0.2 in) diameter
Cable lengths: 0.3, 1.8, 6.1, 15.2 m
(1, 6, 20, 50 ft) available

Range: -40° to 100°C (-40° to 212°F) in air;
 -40° to 50°C (-40° to 122°F) in water or soil
Accuracy: $\pm 0.21^{\circ}\text{C}$ from 0° to 50°C (0.38°F from 32° to 122°F)
Resolution: 0.03° @ 25°C (0.05° @ 77°F)
Response time: 3 minutes (to 90% in airflow 1 m/s); 1 minute in water

				✓	✓		
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120

Note: Sensor tip and cable immersion in fresh water up to 50°C (122°F) for one year; radiation shield (RS3) recommended for use in sunlight



Stainless Steel
Temperature Probe
TMC6-HC

0.3 cm diameter x 10.2 cm
(0.12 in x 4 in)
cable length: 1.8 m (6 ft)

Range: -40° to 100°C (-40° to 212°F) in air;
 -40° to 50°C (-40° to 122°F) in water or soil
Accuracy: $\pm 0.21^{\circ}\text{C}$ from 0° to 50°C (0.38°F from 32° to 122°F)
Resolution: 0.03° @ 25°C (0.05° @ 77°F)
Response time: 3 minutes (to 90% in air moving 1 m/s); 15 seconds in stirred water

				✓	✓		
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



Temperature Sensor TMC6-HE

0.3 cm diameter x 10.2 cm
(0.12 in x 4 in)
cable length: 1.8 m (6 ft)

Range: -40° to 100°C (-40° to 212°F) in air
Accuracy: $\pm 0.21^\circ\text{C}$ from 0° to 50°C (0.38°F from 32° to 122°F)
Resolution: 0.03 @ 20°C (0.05° @ 68°F)
Response time: In air: 2 minutes typical to 90% in air moving 1 m/s
On a pipe: Typically 2 times faster than the TMCX-HD. Typically less than 1 minute to 90%.

				√	√		
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



Temperature/RH S-THB-M00x

cable lengths available
2 m, 8 m, (6.5 ft, 26 ft)

Ranges: -40° to 75°C (-40° to 167°F); 0 to 100%
Accuracy: RH from -40° to 75°C (-40° to 167°F)
 $\pm 0.21^\circ$ @ 25°C ($\pm 0.38^\circ$ @ 77°F);
 $\pm 2.5\%$ typical, 3.5% maximum, from 10 - 90% RH
Resolution: 0.02° @ 25°C (0.04° @ 77°F); 0.1% RH @ 25°C (77°F)
Response Time: Temp: 5 minutes, RH: 5 minutes (to 90% in airflow of 1 m/s)
Data Channels: 2

	√	√	√				
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



Solar radiation shield (RS3) recommended for accurate temperature measurements in sunlight.



Volatile Organic Compound (VOC) Sensor T-ION-TVOC

Range: selectable 0 - 10, 0 - 100, 0 - 1000 ppm (parts per million)
Accuracy: (0-10 and 0-100 ppm) $\pm 2\%$; (100-1000 ppm) $\pm 5\%$
Linearity: (0 - 100 ppm) $> 98\%$
Response time: sensor T90 < 5 sec.

	√	√		√	√		
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120



Water Flow Meter Sensor T-MINOL-130

Ranges: 0 to 22 gpm (gallon per minute)
Accuracy: 0.25-1 gpm

	√	√		√	√	√	√
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120

Analog and Digital Adapters for Connecting Sensors

**4-20mA Cable****CABLE-4-20mA**

45.7 cm (18 in) cable
with 8.9 cm (3.5 in)
tinned braided wire leads

Range: 0 to 20.1 mA
Accuracy: ± 0.02 mA, $\pm 2.5\%$ of reading
Resolution: 0.03% of full scale

	✓	✓	✓				
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120

**Voltage Input Adapter Cable****CABLE-ADAPX**

Length 1.9m (6.3 ft.)
Weight 38.6g (1.4 oz.)

Accuracy:

CABLE-ADAP5 provides user analog sensor input of 0-5 Vdc max.
CABLE-ADAP10 provides user analog sensor input of 0-10 Vdc max.
Max. error of 0.2%

				✓	✓		
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120

**Voltage Input Cable****CABLE-2.5-STEREO**

1.8 m (6 ft) cable with 1.27 cm
(0.5 in) tinned braided wire leads

For voltage input specifications, refer to the external input specifications of the model you will be using.

				✓	✓	✓	
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120

**FlexSmart Analog Module (2 channels)****S-FS-CVIA**

User-configurable
Ranges:
Accuracy:

0-20mA, 0-20VDC (suitable for 2.5, 5, and 10V sensors)
 $\pm 0.25\%$ FS over range selected from 50mV to FS

Provides 12V sensor excitation

		✓					
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120

**FlexSmart Analog Module (2 channels) w/modular plug****S-FS-TRMSA-D**

3.5cm x 5.7cm x 1.9cm (1.38 in.
x 2.25 in. x 0.75 in.)

Range: 5mV to 512mV input; compatible with 333mV FS output sensors
Accuracy: $\pm 0.3\%$ of reading $\pm 0.5\%$ FSR*

**Crest factor may cause additional error*

	✓	✓					
Compatible with:	U30	H22-001	H21-002	U12	ZW	UX90	UX120

