



	LPT {AVAILABLE NOW}	LPT-A {AVAILABLE NOW}	LPT-A-VLT Ammonia {AVAILABLE NOW}	LPT-P {AVAILABLE NOW}	LPT-M {AVAILABLE NOW}	LPT-B {AVAILABLE NOW}	LPT-W {COMING SOON}	LPT-H {COMING SOON}	LPT-T {COMING SOON}
General									
Display Type	Single colour LED indicator	Graphic LCD	Graphic LCD	Graphic LCD	Graphic LCD	Graphic LCD	Graphic LCD	Graphic LCD	Graphic LCD
Internal Heater	n/a	Yes down to -40°C (-40°F)	Yes down to -40°C (-40°F)	Yes down to -40°C (-40°F)	Yes down to -40°C (-40°F)	Yes down to -40°C (-40°F)	TBD	TBD	TBD
Enclosure	ABS /Polycarbonate, IP54 with splash guard, copper coated interior	ABS /Polycarbonate, IP54 with splash guard, copper coated interior	ABS /Polycarbonate, IP54 with splash guard, copper coated interior	ABS /Polycarbonate, IP54 with splash guard, copper coated interior	ABS /Polycarbonate, IP54 with splash guard, copper coated interior	ABS /Polycarbonate, IP54 with splash guard, copper coated interior	ABS /Polycarbonate, IP54 with splash guard, copper coated interior	ABS /Polycarbonate, IP54 with splash guard, copper coated interior	ABS /Polycarbonate, IP54 with splash guard, copper coated interior
Internal Audible Alarm	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Communication	Analog (4-20 mA)	Analog (4-20 mA or 0-10 VDC)	Analog (4-20 mA or 0-10 VDC)	Modbus® RS-485	Modbus® RS-485	BACnet® MS/TP for communicating with BAS	Wireless	Wireless	Wireless via Wi-Fi
Sensor Technology									
Number of Channels (Sensors)	Single	Single	Single	1, 2 or 3 (max 2 internal + 1 remote)	1, 2 or 3 (max 2 internal + 1 remote)	1, 2 or 3 (max 2 internal + 1 remote)	Single or Dual	Single or Dual	Single or Dual
ESH-A Remote Sensor	No	Catalytic and Solid State	No	Catalytic	Catalytic, Solid State and TVOC PID	Catalytic, Solid State and TVOC PID	No	TBD	Catalytic, Solid State and TVOC PID
Electrochemical	Internal CO or NO ₂ only	Internal	No	Internal CO and/or NO ₂ only	Internal	Internal	Internal	Internal	Internal
Solid State	No	Internal or remote	No	No	Remote	Remote	No	Yes	Remote
Catalytic	No	Internal or remote	Internal NH ₃	Remote	Remote	Remote	No	Yes	Remote
Electrical									
Power Requirement	12 - 27 VAC, 1VA 16 - 30 VDC, 1W	12 - 27 VAC, 3W 16 - 30 VDC, 3VA	12 - 27 VAC 16 - 30 VDC	16-30 VDC, 3W	12 - 27 VAC, 3 VA 16-30 VDC, 3W	12 - 27 VAC, 3 VA 16-30 VDC, 3W	Four AA alkaline batteries	24 VDC	24 VDC or VAC (ground referenced)
Current Draw	25 mA max @ 24 VDC optional loop powered	3 VA or 3 W	3 VA or 3 W	3 VA or 3 W	3 VA or 3 W	3 VA or 3 W	3 VA or 3 W	3 VA or 3 W	3 VA or 3 W
Output	Linear 4 - 20 mA	Linear 4 - 20 mA or 0 - 10 volt	Linear 4 - 20 mA or 0 - 10 volt	Modbus® RS-485	Modbus® RS-485	BACnet® MS/TP	Wireless	Wireless	Wireless
Wiring	VDC 2-conductor shielded VDC 3-conductor shielded VAC 4-conductor shielded	VDC 3-conductor shielded VAC 4-conductor shielded	VDC 3-conductor shielded VAC 4-conductor shielded	16 gauge, 4-conductor shielded network wiring (daisy-chain)	16 gauge, 4-conductor, shielded network wiring (daisy-chain)	16 gauge, 4-conductor, shielded network wiring (daisy-chain)	n/a	18 gauge, 2-conductor, shielded	16 gauge, 4-conductor, shielded
Relay	None	One SPDT, 30 V, 2 amp max	One SPDT, 30 V, 2 amp max	None	One SPDT, 30 V, 2 amp max	One SPDT, 30 V, 2 amp max	No	TBD	One SPDT, 30 V, 2 amp max
Fuse	Automatic resetting thermal	Automatic resetting thermal	Automatic resetting thermal	Automatic resetting thermal	Automatic resetting thermal	Automatic resetting thermal	Automatic resetting thermal	Automatic resetting thermal	Automatic resetting thermal
Environmental									
Operating Temperature	-20°C to 40°C (-4°F to 104°F)	-20°C to 40°C (-4°F to 104°F) Low temperature display option available to -40°C (-40°F) (sensor dependant*)	-20°C to 40°C (-4°F to 104°F) Low temperature display option available to -40°C (-40°F)	-20°C to 40°C (-4°F to 104°F)	-20°C to 40°C (-4°F to 104°F) Low temperature display option available to -40°C (-40°F) (sensor dependant*)	-20°C to 40°C (-4°F to 104°F) Low temperature display option available to -40°C (-40°F) (sensor dependant*)	-20°C to 40°C (-4°F to 104°F)	-20°C to 40°C (-4°F to 104°F)	-40°C to 40°C (-40°F to 104°F)
Humidity	15 - 90% RH non-condensing	15 - 90% RH non-condensing	0 - 80% RH non-condensing	15 - 90% RH non-condensing	15 - 90% RH non-condensing	15 - 90% RH non-condensing	15 - 90% RH non-condensing	15 - 90% RH non-condensing	15 - 90% RH non-condensing
Functions with Controllers	SCC Self Contained Controller DCC Dual Channel Controller QCC Quad Channel Controller FCS Flexible Control System	DCC Dual Channel Controller QCC Quad Channel Controller FCS Flexible Control System or standalone fixed system	DCC Dual Channel Controller QCC Quad Channel Controller FCS Flexible Control System	QCC Quad Channel Controller FCS Flexible Control System	QCC Quad Channel Controller FCS Flexible Control System or standalone fixed system	Existing BACnet® BAS / DDC or standalone fixed system	QCC Quad Channel Controller FCS Flexible Control System	QCC Quad Channel Controller FCS Flexible Control System	QCC Quad Channel Controller FCS Flexible Control System
Certifications	CSA, UL, CE, FCC	CSA, UL, CE, FCC	CSA, UL, CE, FCC	CSA, UL, CE, FCC, BTL	CSA, UL, CE, FCC	CSA, UL, CE, FCC, BTL	CSA, UL, CE, FCC (pending)	CSA, UL, CE, FCC (pending)	CSA, UL, CE, FCC (pending)

Note: All CETCI's instruments consist of RoHS compliant circuit boards. * Low Temperature Display Option does not extend the sensor temperature range. BACnet® is a registered trademark of American Society of Heating, Refrigeration and Air-Conditioning Engineers (ASHRAE). Modbus® is a registered trademark of Gould Inc. Corporation.