Touchpoint Plus

A whole new control experience

General specification	
Capacity	Up to 8 channels with base unit, up to 16 channels with expansion unit
Type of inputs	2 or 3 wires, mA, mV, max. 15W per channel, max 40W total (with dedicated A/V drive) / 68W total (without dedicated A/V drive)
Size (wall-mounted version)	426 mm × 300 mm × 156 mm (16.8" x 11.8" x 6.1")
Housing Material	Polycarbonate ABS
Weight	Max 8.5 kg (18.7 lb), max 17 kg (37.4 lb) with expansion unit
User Interface (UI) - Controller Only	
Display	7" colour LCD touchscreen. Graphic User Interface
Visual indicators	3 LEDs for master indicators. LED for each channel. Green: Normal; Yellow: Fault: Inhibit; Red: Alarm
Audible alarm	≥ 70dB @ 1m
Button	Common for reset/mute operation
Language	English, French, German, Italian, Dutch, Spanish, Portuguese, Russian, Chinese
Power Supply*	
Power AC	110/220VAC, 50-60Hz Manual switching
Power DC	18 to 32 VDC (+/-10%) Typical 24VDC
Power consumption	Max 105W (including detector and external devices), max 210W with expansion unit
Environmental	
Operating	-10ºC to +55ºC (14ºF to +131ºF) continuous, up to 95% RH (non-condensing), IP65 and NEMA 4X
Storage	Instrument -25ºC to +60ºC. (-13ºF to +140ºF), up to 95% RH (non-condensing)
Available I/O Modules	
4~20mA input	2 or 3 wire, 2/4/8 channel modules, 10/12/16 with expansion unit
mV input	Catalytic type flammable gas detectors (Honeywell models). 2/4/8 channel modules, 10/12/16 with expansion unit
Dual Input	2 channel mA + 2 channel mV module or 4 channel mA + 4 channel mV module
Relay output	12 or 24 relay outputs, NO/C/NC changeover, 1.7A@30VDC/250VAC, user configurable - energised/de-energised, latching/non latching, time delay
4~20mA output	4 or 8 isolated repeated mA outputs, 0-22mA, 0-100%FSD = 4-20mA
Common inputs	Remote reset, remote inhibit
Common outputs	Four powered A/V outputs for alarms and fault, three common alarm outputs
Approvals	
Electromagnetic Compatibility and Electrical Safety	EMC/RFI (EN 50270:2015) LVD (EN 61010-1:2010) CSA-C22.2 No. 61010-1-04 UL 61010-1 (3rd Edition) and 508
Performance**	Designed to meet - EN 50271:2010; EN 60079-29-1:2007; EN 45544-1 /-2 /-3:2015; EN 50104:2010 C22.2 No. 152-M1984, ISA 12.13.01
Safety Integrity**	Designed to meet - IEC/EN 61508:2010 and EN 50402:2005+A1:2008 SIL2 certification
Hazardous Location	Class I, Division 2, Group A, B, C and D or non-hazardous only
Others	
Backup battery	22.2V Lithium Ion Battery, 2600mAh capacity (>30 minutes for typical system)
Data logging	Configuration, logged events and data
Communication	MODBUS TCP, WEB monitoring and MODBUS RTU

* Basic and expansion units each require a power supply
** Contact Honeywell Analytics for availability
*** Not available in Expansion Unit

Find out more

www.honeywellanalytics.com

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