



Particulate Transmitter

Digital Damping, Non-Stick Probe, For Broken Bag Detection

Models Select Chart

EXAMPLE	PMT2	03	A	U2	ST	Series PMT2-03-A-U2-ST, Particulate transmitter, 3" probe length, 3/4" male NPT, UL (intrinsically safe) with a stainless steel tag
SERIES	PMT2					Particulate Transmitter
PROBE LENGTH		03 05 10 15 20 30 36				3" Probe length 5" Probe length 10" Probe length 15" Probe length 20" Probe length 30" Probe length 36" Probe length
PROCESSS CONNECTION			A B C			3/4" male NPT 1.5" tri-clamp kit with 1" male NPT 3/4" male BSPT
ENCLOSURE RATING				A2 U2		ATEX intrinsically safe UL intrinsically safe
OPTIONS					ST M20	Stainless steel tag Female M20 electrical entries

Accessories

Model	Description
A-PMT2-M20	1/2" NPT to M20 conduit adapter
A-PMT2-FLG	2" ANSI flange with 3/4" female NPT connection

Specifications:-	
Service	: Air and compatible gases, any type of particulate conductive or nonconductive.
Wetted Materials	: 316L SS, silicone, and PTFE.
Enclosure	: Powder coated aluminum.
Accuracy	: $\pm 5\%$ of reading.
Particulate Size	: 0.3 microns and higher.
Detection Range	: 5 to 5000 pA (6 selectable range options).
Temperature Limits	: Ambient: -40 to 145°F (-40 to 63°C); Process: -40 to 248°F (-40 to 120°C).
Pressure Limit	: 30 psi (2 bar).
Output Signal	: 4 to 20 mA.
Power Requirements	: 12 to 28 VDC.
Electrical Connection	: Two 1/2" female NPT conduit openings.
Terminal Block	: Removable (16 to 20 AWG wire).
Process Connection	: See model chart on catalog page.
Probe Lengths	: See model chart on catalog page.
Enclosure Rating	: Type 4 (IP66).
Mounting Orientation	: Any.
Averaging Time	: 1 to 360 s (10 selectable options).
Weight	: Varies with length of probe and type of mount.
Agency Approvals	: CE, cULus; ATEX Compliant: 0518 II 1 G Ex ia IIB T4 GA (-40°C \leq Tamb \leq 63°C) (-40°C \leq T Process \leq 120°C) / II 1 D Ex ia IIIC T120°C Da (-40°C \leq Tamb \leq 63°C) (-40°C \leq T Process \leq 120°C). Type Certificate No.: DEMKO 16ATEX1768 X. ATEX Standards: EN 60079-0:2012/A11:2013; EN 60079-11:2012. IECEx Certified: Ex ia IIB T4 Ga (-40°C \leq Tamb \leq 63°C) (-40°C \leq T Process \leq 120°C) / Ex ia IIIC T120°C Da (-40°C \leq Tamb \leq 63°C) (-40°C \leq T Process \leq 120°C). Certificate of Conformity: IECEx UL 16.013X. IECEx Standards: IEC 60079-0: 2011; IEC 60079-11: 2011. UL Listed Intrinsically Safe for Class I, Groups C and D; Class II, Groups E, F and G; Class III; Class I Zone 0 AEx ia IIB T4 Ga; Class I Zone 0 Ex ia IIB T4 Ga.