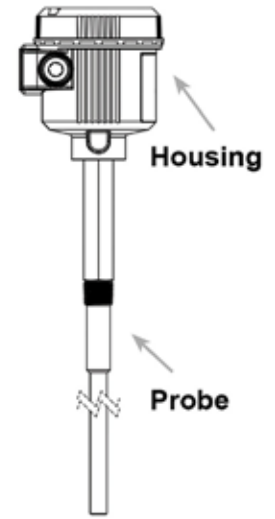


Mark X if none											
											N4
Sample											
DD300.	S	2	G	S	M1	T1	1	L12	B	N4	X



**Mounting Accessories**  
**A:** Duct Mounting Kit Welded  
**B:** Duct Mounting Kit Threaded  
**X:** None

**Probe Type**  
**B:** Bare 316L SS  
**C:** Teflon Coated 316L SS  
**L:** Teflon Layer 316L SS

**Probe Length**  
**L02:** Probe-L1.5: Length - 1.5 in (3.8 cm)  
**L03:** Probe-L3: Length - 3.0 in (7.6 cm)  
**L06:** Probe-L6: Length - 6.0 in (15.2 cm)  
**L12:** Probe-L12: Length - 12.0 in (30.5 cm) - Stock  
**L18:** Probe-L18: Length - 18.0 in (45.7 cm)  
**L24:** Probe-L24: Length - 24.0 in (60.9 cm) - Stock  
**L30:** Probe-L30: Length - 30 in (76.2 cm)  
**L36:** Probe-L36: Length - 36 in (91.4 cm)

**Process Pressure**  
**1:** 10 PSI Max.

**Process Temperature**  
**T1:** Standard Temp: -13°F to 250°F (-25°C to 121°C) Max  
**T2:** High Temp: -13°F to 450°F (-25°C to 232°C) Max.  
**T3:** High-High Temp: -13°F to 500°F (-25°C to 260°C) Max.

**Mounting**  
**M1:** 0.5-Inch: NPT Male, 0.5 in.  
**M3:** 1.5-Quick-Clamp: 1.5 in. Tri-Clamp

**Housing**  
**S:** Aluminum no window  
**W:** Aluminum with window

**Area Classification**  
**G:** Area Classification: Ordinary/General Purpose Only

**Resolution**  
**2:** Standard Resolution: 5.0pA, Range 0 to 5000 pA  
**1:** High Resolution: 0.5pA, Range 0 to 5000 pA

**Ambient Temperature**  
**S:** Standard Ambient Temp: -13°F to 158°F (-25°C to 70°C)  
**L:** Low Ambient Temp: -40°F to 158°F (-40°C to 70°C)

**Base Unit**  
**DD310.:** DD-3000: 2-Wire Loop Powered  
**DD305.:** DD-3000: 2 Relays 20 to 250 VAC/VDC  
**DD300.:** DD-3000: 2 Relays 18 to 60 VDC

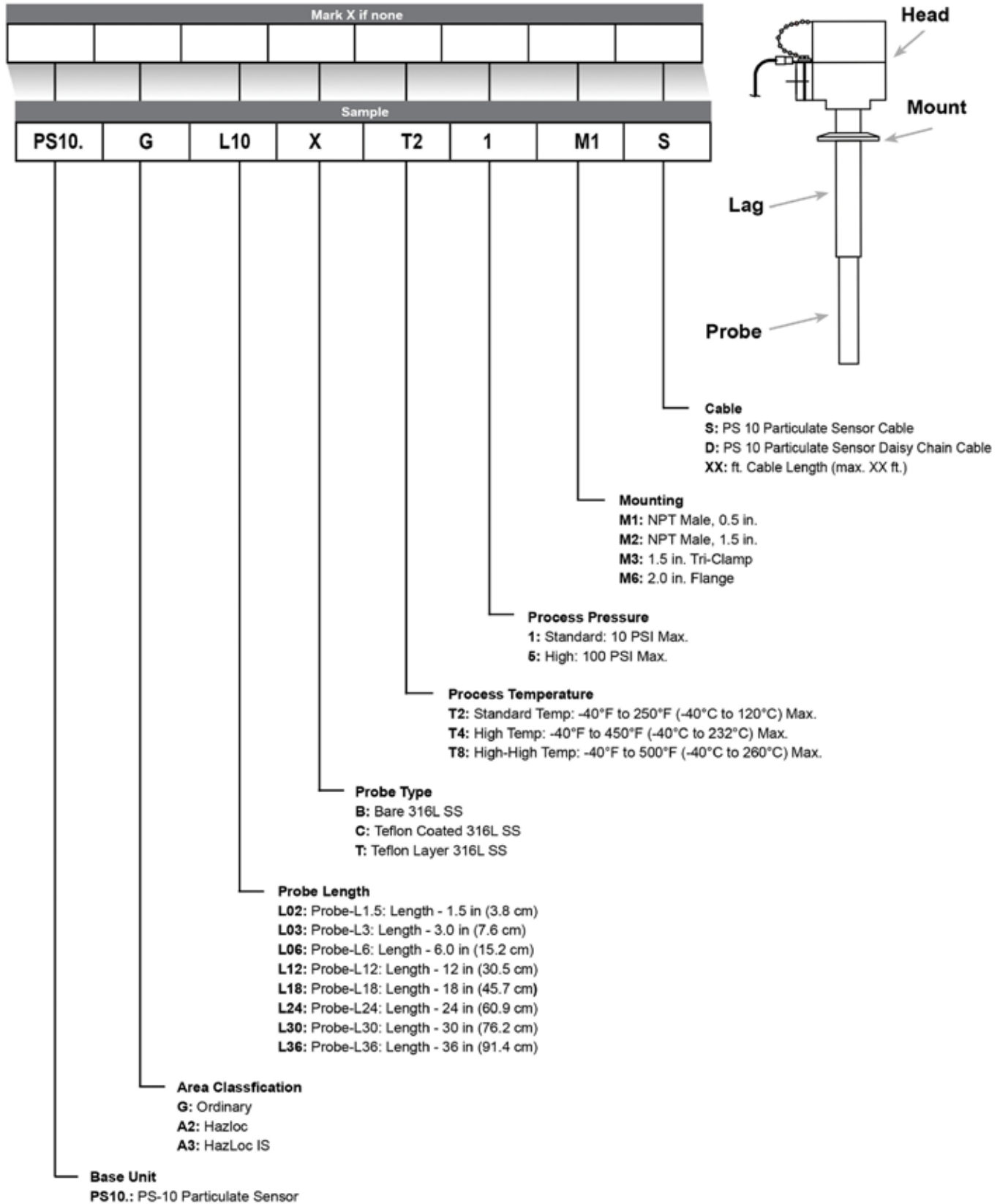


### Dust Alert - 3000

The Dust Alert with integrated electronics and sensing probe utilizes inductive electrification technology to detect and alert—via an alarm relay or 4-20 mA output—when dust emissions exceed a preset point. This extremely sensitive method minimizes the influence of sensor contamination, particulate velocity change, or temperature drift. Designed to save time, reduce maintenance, and prevent downtime, the Dust Alert DD-3000 is ideal for baghouse leak detection and can be installed in stacks, ducts, or pipes.

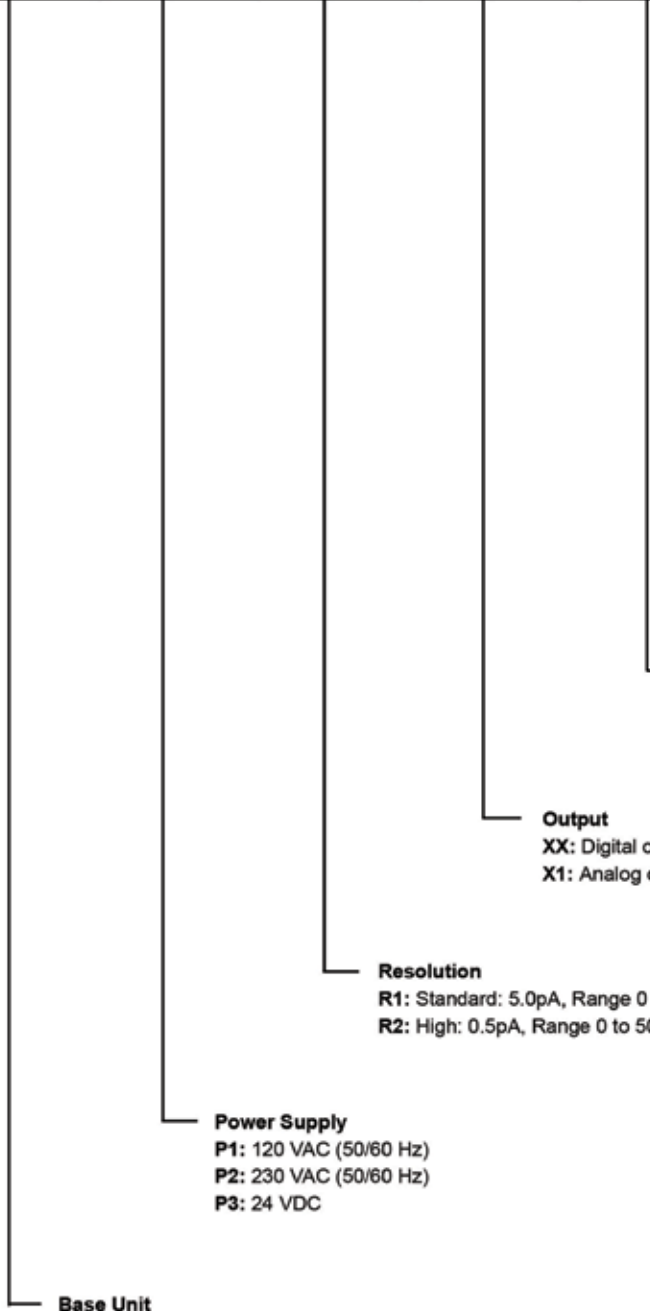
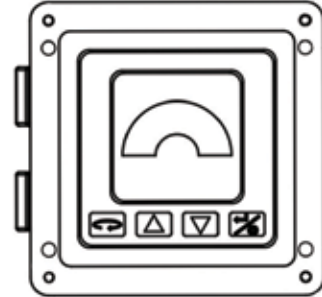
Description	CODE
<b>BASE UNIT</b>	
DD-3000-T: 2-Wire loop powered with 4-20 mA output, in a NEMA 4X IP65 Aluminum enclosure	DD310.
DD-3000-A: 20 to 250 VAC/VDC dual relay output, in a NEMA 4X IP65 Aluminum enclosure	DD305.
DD-3000-A: 18 to 60 VDC dual relay output, in a NEMA 4X IP65 Aluminum enclosure	DD300.
<b>AMBIENT TEMPERATURE</b>	
Ambient Temp: -13°F to 158°F (-25°C to 70°C)	S
Ambient Temp: -40°F to 158°F (-40°C to 70°C)	L
<b>RESOLUTION</b>	
Standard Resolution: 5.0pA, Range 0 to 5000 pA	2
High Resolution: 0.5pA, Range 0 to 5000 pA	1
<b>AREA CLASSIFICATION</b>	
Area Classification: Ordinary/General Purpose Only (CE Approved)	G
<b>HOUSING</b>	
Aluminum - no window	S
Aluminum - with window	W
<b>MOUNTING</b>	
Mount: NPT Male, 0.5 in.	M1
Mount 1.5 in. Tri-Clamp	M3
<b>PROCESS TEMPERATURE</b>	
Standard Process Temp: -13°F to 250°F (-25°C to 121°C) Max.	T1
High Process Temp: -13°F to 450°F (-25°C to 232°C) Max.	T2
High-High-Process Temp: -13°F to 500°F (-25°C to 260°C) Max.	T3
<b>PROCESS PRESSURE</b>	
10 PSI Max.	1
<b>PROBE LENGTH</b>	
Probe: Length - 1.5 in (3.8 cm)	L02
Probe: Length - 3.0 in (7.6 cm)	L03
Probe: Length - 6.0 in (15.2 cm)	L06
Probe: Length - 12.0 in (30.5 cm)	L12
Probe: Length - 18.0 in (45.7 cm)	L18
Probe: Length - 24.0 in (60.9 cm)	L24

Description	CODE
Probe: Length - 30 in (76.2 cm)	L30
Probe: Length - 36 in (91.4 cm)	L36
<b>PROBE TYPE</b>	
Teflon-coated probe 316L SS	C
316L SS	X
<b>MOUNTING ACCESSORIES</b>	
Duct Mounting Kit Welded	
Duct Mounting Kit Threaded	
None	



Description	CODE
<b>BASE UNIT</b>	
PS-10 Particulate Sensor in NEMA 4X housing to connect probe to BM-30LGX monitor	PS10.
<b>AREA CLASSIFICATION</b>	
Teflon-coated probe 316L SS	G
Area Classification: Hazardous Location, Intrinsically Safe, CSA Approval, Class I, II, & III, Division I & II, All Groups	A2
Area Classification: Hazardous Location, Intrinsically Safe, CSA Approval, Class I, II, & III, Division II, Groups A-D, F, G	A3
<b>PROBE LENGTH</b>	
Probe: Length - 1.5 in (3.8 cm) Teflon-coated stainless steel probe	L02
Probe: Length - 3.0 in (7.6 cm) Teflon-coated stainless steel probe	L03
Probe: Length - 6.0 in (15.2 cm) Teflon-coated stainless steel probe	L06
Probe: Length - 12 in (30.5 cm) Teflon-coated stainless steel probe	L42
Probe: Length - 18 in (45.7 cm) Teflon-coated stainless steel probe	L18
Probe: Length - 24 in (60.9 cm) Teflon-coated stainless steel probe	L24
Probe: Length - 30 in (76.2 cm) Teflon-coated stainless steel probe	L30
Probe: Length - 36 in (91.4 cm) Teflon-coated stainless steel probe	L36
<b>PROBE TYPE</b>	
Probe Type: Base 316L SS	B
Probe Type: Teflon-coated 316L SS	C
Probe Type: Teflon Layer 316L SS	T
<b>PROCESS TEMPERATURE</b>	
Standard Process Temp: -40°F to 250°F (-40°C to 120°C) Max.	T2
High Process Temp: -40°F to 450°F (-40°C to 232°C) Max.	T4
High-High-Process Temp: -40°F to 500°F (-40°C to 260°C) Max.	T5
<b>PROCESS PRESSURE</b>	
Standard: 10 PSI Max.	1
High: 100 PSI Max.	2
<b>MOUNTING</b>	
NPT Male, 0.5 in., 316L SS	M1
NPT Male, 1.5 in., 316L SS	M2
Quick clamp 1.5 in. Tri-Clamp 316L SS	M3
2.0" 150# 316L SS Ansi Flange	M6
<b>CABLE</b>	
Base Cable: PS 10 Particulate Sensor Cable Standard	S
Base Cable: PS 10 Particulate Sensor Daisy Chain Cable	D
ft. cable length	XX

Mark X if none				
Sample				
BM-30LGX	P1	R1	XX	A1



**Area Classification**  
**A1:** Ordinary/General Purpose Only  
**A2:** Class I, II & III sensor

**Output**  
**XX:** Digital outputs: (2) Relays (Standard)  
**X1:** Analog outputs: (1) 4-20 mA Isolated

**Resolution**  
**R1:** Standard: 5.0pA, Range 0 to 5000 pA  
**R2:** High: 0.5pA, Range 0 to 5000 pA

**Power Supply**  
**P1:** 120 VAC (50/60 Hz)  
**P2:** 230 VAC (50/60 Hz)  
**P3:** 24 VDC

**Base Unit**  
**BM-30LGX:** BM30-LGX Particulate monitor control unit, NEMA 4X aluminum enclosure

### BM30-LGX Control Unit

The BM30-LGX particulate monitor detects dusts, powders, granulars and pellets—as well as liquid particulates such as mists—before emissions are visible, helping companies meet regulatory requirements and preventing the escape of valuable powders. The BM30-LGX consists of a control unit, a particulate sensor, and a sensor coaxial cable. The control unit's LCD display allows for easy setup and adjustment of parameters and variable output monitoring. Applications for the BM30-LGX include continuous emissions monitoring, baghouse filter leak detection, and process particulate flow monitoring. The BM30-LGX is CE conformant, CSA certified, and complies with EN 61010, safety requirements for electrical equipment for measurement, control and laboratory use.



Description	CODE
<b>BASE UNIT</b>	
BM30-LGX Particulate monitor control unit in NEMA 4X aluminum enclosure	BM-30LGX
<b>POWER SUPPLY</b>	
120 VAC (50/60 Hz)	P1
230 VAC (50/60 Hz)	P2
24 VDC	P3
<b>RESOLUTION</b>	
Standard: 5.0pA, Range 0 to 5000 pA	R1
High: 0.5pA, Range 0 to 5000 pA	R2
<b>OUTPUT</b>	
Digital outputs: (2) Relays (Standard)	XX
Analog outputs: (1) 4-20 mA Isolated	X1
<b>AREA CLASSIFICATION</b>	
Area Classification: Ordinary/General Purpose Only (CE Approved)	A1
Area Classification: CSA C & US approved for use with Class I, II, and III sensor	A2