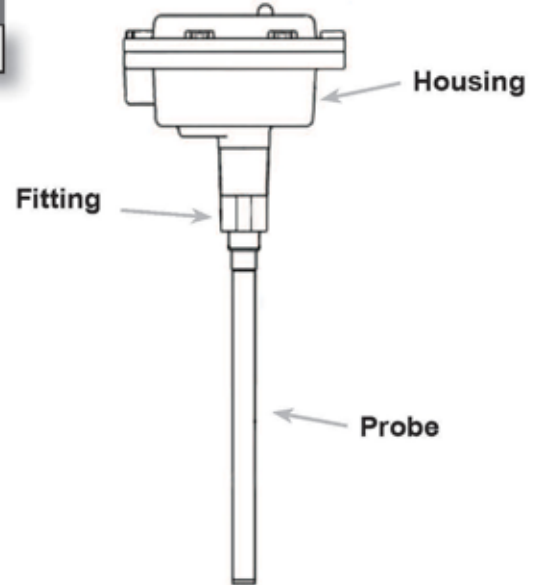


Mark X if none		
Sample		
DD1000.1	FA	11P27



Probes (1, 2)

- 03P71: P71 - Unshielded, Bare Stainless Steel Probe - 3 In.
- 04P28: P28 - Unshielded, Bare Stainless Steel Probe - 4 In.
- 06P62: P62 - Unshielded, Bare Stainless Steel Probe - 6 In.
- 11P27: P27 - Unshielded, Bare Stainless Steel Probe - 10.63 In.
- 18P29: P29 - Unshielded, Bare Stainless Steel Probe - 18 In.
- 24P30: P30 - Unshielded, Bare Stainless Steel Probe - 24 In.
- 30P57: P57 - Unshielded, Bare Stainless Steel Probe - 30 In.
- 36P56: P56 - Unshielded, Bare Stainless Steel Probe - 36 In.
- 48P31: P31 - Unshielded, Bare Stainless Steel Probe - 48 In.
- 72P32: P32 - Unshielded, Bare Stainless Steel Probe - 72 In.
- 96P33: P33 - Unshielded, Bare Stainless Steel Probe - 96 In.
- 11P39: P39 - Bare Stainless Steel Probe - 10.19"
(Teflon insert for high temperature)
- 06P40: P40 - Bare Stainless Steel Probe - 6"
(Teflon insert for high temperature)
- XXP34: P34 - Custom Length Unshielded, Bare Stainless Steel Probe - XX in.

Fittings (1, 2)

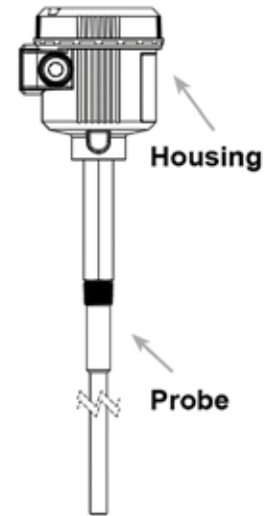
- FA: FA - 3/4" NPT SS fitting for bare & Delrin sleeved
- FB: FB - 1.25" NPT SS fitting bare & Delrin sleeved
- FC: FC - 1" Sanitary SS fitting for 5/8" bare & Delrin

Remote Housing

- DD1000.1: Dust Detect 1000 115 VAC
- DD1000.2: Dust Detect 1000 230 VAC

Description	CODE	Part No.
POWER PACS		
DD1000-115VAC - Dust Detect power pac single piece, triboelectric broken bag detector, 115 VAC	DD1000.1	
DD1000-230VAC - Dust Detect power pac single piece, triboelectric broken bag detector, 230 VAC	DD1000.2	
FITTINGS		
FA - 3/4" NPT stainless steel fitting for bare and Delrin sleeved probes	FA	175-0083
FB - 1-1/4" NPT stainless steel fitting for bare and Delrin sleeved probes	FB	175-0082
FC - 1" Food grade stainless steel fitting for 5/8" bare and Delrin sleeved probes, and for use with tri-clover style clamp (not 3-A)	FC	175-0093
PROBES		
P71 - Unshielded, bare stainless steel probe - 3"	03P71	530-0199
P28 - Unshielded, bare stainless steel probe - 4"	04P28	530-0267
P62 - Unshielded, bare stainless steel probe - 6"	06P62	530-0202
P27 - Unshielded, bare stainless steel probe - 10.63"	11P27	530-0198
P29 - Unshielded, bare stainless steel probe - 18"	18P29	530-0268
P30 - Unshielded, bare stainless steel probe - 24"	24P30	530-0234
P57 - Unshielded, bare stainless steel probe - 30"	30P57	530-0265
P56 - Unshielded, bare stainless steel probe - 36"	36P56	530-0266
P31 - Unshielded, bare stainless steel probe - 48"	48P31	530-0235
P32 - Unshielded, bare stainless steel probe - 72"	72P32	530-0236
P33 - Unshielded, bare stainless steel probe - 96"	96P33	530-0237
P39 - 10.19" Bare stainless steel probe with Teflon insert for high temperatures.	11P39	530-0227
P40 - 6" Bare stainless steel probe with Teflon insert for high temperatures.	06P40	530-0864
P34 - Custom length, unshielded, bare stainless steel probe. Maximum length 96"	XXP34	

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



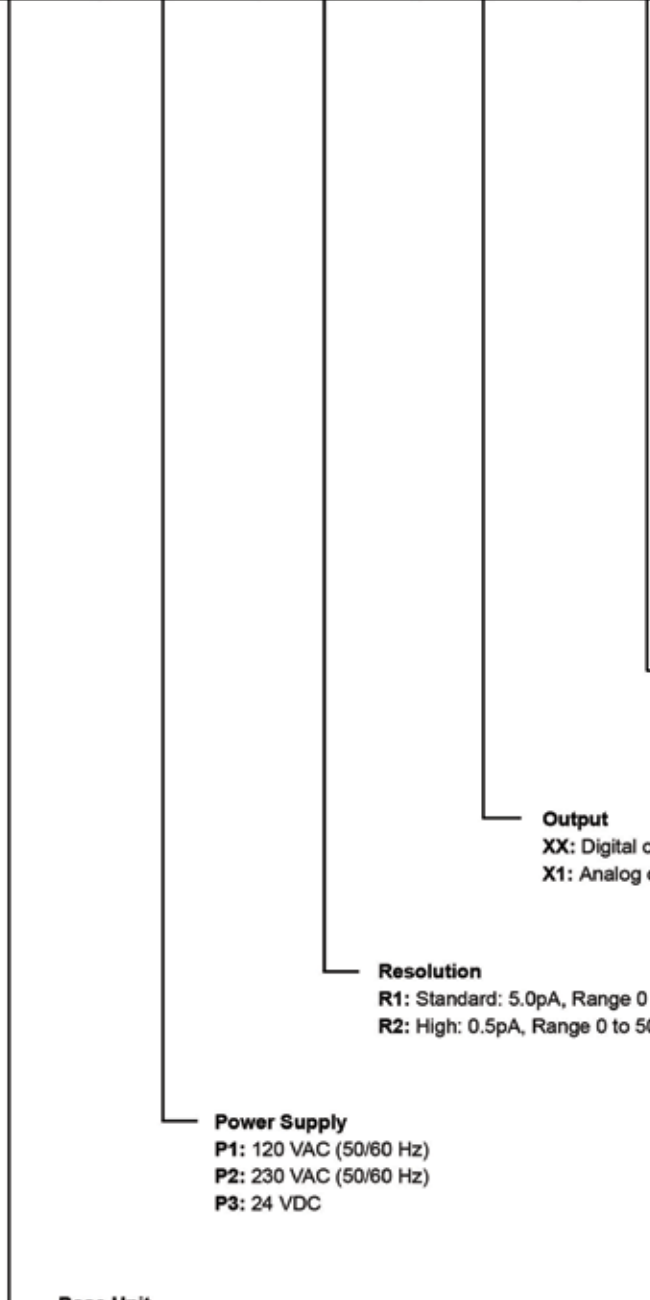
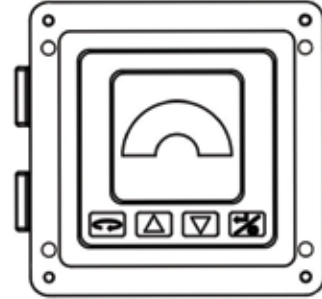
Dust Alert - 3000

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
BASE UNIT	
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.
AMBIENT TEMPERATURE	
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
RESOLUTION	
Standard Resolution: 5.0pA, Range 0 to 5000 pA	2
High Resolution: 0.5pA, Range 0 to 5000 pA	1
AREA CLASSIFICATION	
Area Classification: Ordinary/General Purpose Only (CE Approved)	G
HOUSING	
Aluminum - no window	S
Aluminum - with window	W
MOUNTING	
Mount: NPT Male, 0.5 in.	M1
Mount 1.5 in. Tri-Clamp	M3
PROCESS TEMPERATURE	
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
PROCESS PRESSURE	
10 PSI Max.	1
PROBE LENGTH	
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
PROBE TYPE	
Teflon-coated probe 316L SS	C
316L SS	X
MOUNTING ACCESSORIES	
Duct Mounting Kit Welded	
Duct Mounting Kit Threaded	
None	

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
BASE UNIT	
BM30-LGX Particulate monitor control unit in NEMA 4X aluminum enclosure	BM-30LGX
POWER SUPPLY	
120 VAC (50/60 Hz)	P1
230 VAC (50/60 Hz)	P2
24 VDC	P3
RESOLUTION	
Standard: 5.0pA, Range 0 to 5000 pA	R1
High: 0.5pA, Range 0 to 5000 pA	R2
OUTPUT	
Digital outputs: (2) Relays (Standard)	XX
Analog outputs: (1) 4-20 mA Isolated	X1
AREA CLASSIFICATION	
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