

Product Comparison - Goyen Particulate Monitors					
Feature	BBD5	EMP5	EMS4	EMS6	EMP7
Components	2	2	2	1	1
Mass Flow Rate	Yes	Yes	Yes	Yes	Yes
Mass Density	Basic	Basic	Basic	Basic	Basic
Range (mg/m³)	0.2-800	0.01-800	0.01-800	0.01-1000	0.01-10 ⁶
Bargraph	20 Point	20 Point	40 Point	[0]	[0]
Alarms	1 relay	1 relay	1 relay	[0][1]	[0][1]
Output Signal	None	Linear, 4-20mA	Linear, 4-20mA	Linear, RS485	Log, 4-20mA
Supply Voltage	DC20-30V or AC110/220V	DC20-30V or AC110/220V	DC20-30V or AC110/220V	DC 8-15V or AC [0][1]	DC 10-32V or AC [0][1]
Communications	None	[0][1]	RS232,[0][1]	RS485	[0][1]
Indicative Monitor	Yes	Yes	Yes	Yes	Yes
Continuous monitor	No	Yes	Yes	Yes	Yes
Insertion Temperature					
-Standard (Deg F)	176	176	176	176	176
-High Temp (Deg F)	392	392	392	392	392
-Over 392 F	Contact GOYEN	Contact GOYEN	Contact GOYEN	Contact GOYEN	Contact GOYEN
Intrinsically Safe	Optional	Optional	Optional	Optional	Optional
Cable Length (ft.)	650	650	650	3280	16400
Approvals	CE	CE, TUV-Blmsch 27	CE	CE, mCERTS	CE
Pending Apporvals	cUL	cUL	cUL	cUL	
Enclosure Size	7"x 7"x 3.5" deep	7"x 7"x 3.5" deep	10" w.x15" h. x 3.8" deep	N/A	N/A
Enclosure Rating	NEMA 4	NEMA 4	NEMA 4	NEMA 4	
Enclosure Temperature Range (Deg F)	-4 to 140	-4 to 140	-4 to 140	-4 to 140	

[0] = Available with any modbus Network connection option

[1] = AUD1 Numeric Display, option adds numeric display, calibration, alarm relays

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