

DRAEGER FIRE & GAS DETECTION SYSTEMS

TRANSMITTER FEATURES

DETECTORS

FEATURES	Polytron 2 Xp Ex	Polytron Fx	Polytron 5200	Polytron 8200	Polytron 5200 LC	Polytron 8200 LC	Polytron Tx	Polytron 5000	Polytron 2 Xp Tox	Polytron 3000	Polytron 7000	Polytron 7500	Polytron 5100	Polytron 8000 (8100)	Polytron 2 Xp Ex IR	Polytron 5310	Polytron 8310	PIR 3000	PIR 7000	Polytron 5700	Polytron 8700	PIR 7200	Polytron 5720	Polytron 8720
Gases Detected	F	F	F	F	F	F	T/O	T/O	T/O	T/O	T/O	T	T/O	T/O	F	F	F	F	F	F	F	CO2	CO2	CO2
Sensor - Electro Chemical	-	-	-	-	-	-	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-
Sensor - Catalytic	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sensor - Infra red	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X	X	X
Remote Sensor Option	-	-	X	X	X	X	-	-	-	-	X	-	X	X	-	X	X	-	-	X	X	-	X	X
Display	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	X	X	-	X	X
4 TO 20 mA output	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Relays	O	-	O	O	O	O	-	-	O	-	O	O	O	O	O	O	O	-	-	O	O	-	O	O
HART	X	-	-	X	-	X	-	-	X	-	O	-	-	X	X	-	X	-	X	-	X	X	-	X
Flame-proof - Ex d	X	X	X	X	X	X	X	X	X	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X
Intrinsically Safe - Ex ia	-	-	-	-	-	-	-	-	-	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-
Approvals - IEC Ex	-	-	X	X	X	X	-	X	-	X	X	-	X	X	-	X	X	X	X	X	X	X	X	X
Approvals - ATEX	X	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X	X	X	X
SIL 2	-	-	-	X	-	-	-	-	-	-	X	-	-	X	-	-	-	-	X	-	X	X	-	X
Low End Models	-	X	X	-	X	-	X	X	-	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mid End Models	-	-	-	-	-	-	-	-	-	-	-	-	X	-	X	x	X	x	-	-	-	-	-	-
High End Models	X	-	-	X	-	X	-	-	X	-	X	X	-	X	-	-	-	-	X	X	X	X	X	X
Hazardous Areas 0,1 & 2	-	-	-	-	-	-	-	-	-	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-
Hazardous Areas 1 & 2	X	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X	X	X	X
Safe Area Only	-	-	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	-	-	-	-
Diagnostic Dongle (EC Sensor)	-	-	-	-	-	-	-	-	-	-	x	x	-	x	-	-	-	-	-	-	-	-	-	-
Calibration Config Tool	D	M	M	M	M	M	M	M	D	D	D	D	M	M	D	M	M	M	M	M	M	M	M	M
	Obsolete - Replace with Polytron 8200	Obsolete - Replace with Polytron 5200			0 - 10% LEL only	0 - 10% LEL only	Obsolete - Replace with Polytron 5100	Obsolete - Replace with Polytron 5100	Obsolete - Replace with Polytron 8000 (8100)			Obsolete - No Replacement			Obsolete - Replace with Polytron 8310									

Abbreviations

F: Flammable T: Toxic O: Oxygen CO2: Carbon Dioxide Optional Relays O: Optional X: Standard D: Display M: Magnet