



SENSORS APPROVED FOR USE IN EXPLOSIVE ENVIRONMENTS

- European Union Directive 2014/34/EU Equipment for Potentially Explosive Atmospheres (ATEX)
- International Electrotechnical Commission's IEC Ex Rules 01-05 (IECEx)
- US National Fire Protection Association NFPA 70: National Electric Code® (CSA or ETL)
- Canadian Standards Association CSA C22.1: Canadian Electrical Code (CSA or ETL)



ENSURE PROPER SELECTION OF SENSORS FOR POTENTIALLY- EXPLOSIVE AREAS

Many industrial environments contain potentially-explosive materials, including manufacturing facilities, power generation plants and oil & gas processing facilities. Ignition of these potentially-explosive materials could cause catastrophic damages and worker injury and/or death. To prevent such disasters, many IMI products are tested to international standards to ensure that they could prevent or contain an explosion.

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Cataloged Models	ATEX				IECEx				CSA or ETL		
	ia	ic	nA	d	ia	ic	nA	d	ia	ic	nA
Accelerometers - ICP®											
EX602-Series (Includes models with M and TO prefixes)	X		X		X		X		X		X
EX603-Series (Includes models with M and TO prefixes)	X		X		X		X		X		X
EX604-Series (Includes models with M prefix)		X	X			X	X			X	X
EX606-Series (Includes models with M and TO prefixes)	X		X		X		X		X		X
EX607-Series (Includes models with M and TO prefixes)	X		X		X		X		X		X
EX608-Series (Includes models with M and TO prefixes)	X		X		X		X		X		X
EX621-Series (Includes models with M prefix)	X				X				X		
EX622-Series (Includes models with HT, M, TO and VO prefixes)	X		X		X		X		X		X
EX623-Series (Includes models with HT, M, TO and VO prefixes)	X		X		X		X		X		X
EX625-Series (Includes models with HT, M, TO and VO prefixes)	X		X		X		X		X		X
EX628-Series (Includes models with HT, M, TO and VO prefixes)	X		X		X		X		X		X
EX630-Series (Includes models with M prefix)		X	X							X	
EX639-Series (Includes models with M prefix)									X		
Accelerometers - Charge											
Model EX356A73	X		X		X		X		X		X
Models EX357B71 and EX357B72	X		X		X		X		X		X
Models EX357E90, EX357E91, EX357E92 and EX357E93	X		X		X		X		X		X
Models EX357A94 and EX357A95	X		X		X		X		X		X
Models EX600B13 and EX600B14	X		X		X		X		X		X
Model EX611A00	X		X		X		X		X		X
Model EX615A42	X		X		X		X		X		X
Model EX619A11	X		X		X		X		X		X
Charge Amplifiers											
Model EX682A40	X		X		X		X		X		
Pressure Sensors - ICP®											
102-Series (Models 102A43, 102A44 and 102A45 only)	X		X		X		X		X		X
121-Series (Models 121A41, 121A44, 121A45 only)	X		X		X		X		X		X
Pressure Sensors- Charge											
176A-Series (Models 176A02, 176A03 and 176A05 only)	X		X		X		X		X		X
176M-Series (Models 176M03, 176M07, 176M09 and 176M12 only)	X		X		X		X		X		X
Vibration Switches											
685B-Series (Models using C1 enclosure only)				X				X			
EX686B-Series									X		
EX686BxxD-Series				X				X			
Vibration Transmitters											
EX640-Series (Includes models with M, RV, RVVO and TO prefixes)	X		X		X		X		X		X
EX640xxD-Series (Includes models with M, RV and TO prefixes)				X				X			
EX641-Series (Includes models with M, RV, RVVO and TO prefixes)	X		X		X		X		X		X
EX641xxD-Series (Includes models with M, RV and TO prefixes)				X				X			
EX642-Series (Includes models with M, RV, RVVO and TO prefixes)	X		X		X		X		X		X
EX643-Series (Includes models with M, RV, RVVO and TO prefixes)	X		X		X		X		X		X
EX645-Series (Includes models with M, RV, RVVO and TO prefixes)	X		X		X		X		X		X
EX645xxD-Series (Includes models with M, RV and TO prefixes)				X				X			
EX646-Series (Includes models with M, RV, RVVO and TO prefixes)	X		X		X		X		X		X
EX646xxD-Series (Includes models with M, RV and TO prefixes)				X				X			
EX647-Series (Includes models with M, RV, RVVO and TO prefixes)	X		X		X		X		X		X
EX648-Series (Includes models with M, RV, RVVO and TO prefixes)	X		X		X		X		X		X
EX649-Series (Includes models with M prefix)	X		X		X		X		X		X



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