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Chemical resistance of E+E humidity sensors

Chemical	gas concentration	harmless	negative effect
carbon monoxide CO	up to 400 ppm	X	
ammonia-NH ₃	up to 500 ppm	X	
sulphur dioxide-SO ₂	up to 100 ppm	X	
formaldehyde-HCHO	up to 10 x MAC	X	
Freon 113- C ₂ Cl ₃ F ₃		X	
chlorine-Cl ₂	up to 10 x MAC	X	
hydrogen chloride-HCL			X
hydrogen fluoride-HF			X
nitrogen dioxide-NO ₂	up to 20 x MAC	X	
ethanol-CH ₃ CH ₂ OH (liquid: for cleaning; gas: harmless)		X	
methanol-CH ₃ OH (liquid: for cleaning; gas: harmless)		X	
ozone- O ₃	up to 10 x MAC	X	
ultraviolet rays (at 300-400 nm & 2 J/cm ² / time of exposure: approx. 5 minutes)	Sensitive area of the sensor surface is protected by a metallic layer	X	
Isopropanol-(CH ₃) ₂ CHOH (liquid: for cleaning; gas: harmless)		X	
chlorine methane - CH ₃ CL			X
ethylene oxide-C ₂ H ₄ O	up to 15%	X	
hydrogen peroxide H ₂ O ₂	up to 10 x MAC	X	