

Værd at vide om Gasdetektion

Indhold:	Krydsfølsomhed for gasdetektorer	Forfatter:	KM	Dato:	15-11-2010
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Skemaet viser krydsfølsomheden mellem de enkelte gasser ved anvendelse af sensorelementer fra Industrial Scientific Oldham

	CO	H ₂ S	SO ₂	NO ₂	Cl ₂	ClO ₂	HCN	HCl	PH ₃	NO	H ₂	NH ₃
Carbon Monoxide (CO)	100	2	1	0	0	0	0	0	0	0	20	0
Hydrogen Sulfide (H₂S)	10	100	1	-8	-3	-25	400	60	3	10	20	130
Sulfur Dioxide (SO₂)	0	10	100	0	0	0	-	40	-	0	0	70
Nitrogen Dioxide (NO₂)	-20	-20	-100	100	12	-	-120	-	-	30	0	0
Chlorine (Cl₂)	-10	-20	-25	90	100	20	-20	6	-10	0	0	-50
Chlorine Dioxide (ClO₂)	-	-	-	-	20	100	-	-	-	-	-	-
Hydrogen Cyanide (HCN)	15	10	50	1	0	0	100	35	1	0	30	5
Hydrogen Chloride (HCl)	3	0	0	0	2	0	0	100	0	15	0	0
Phosphine (PH₃)	-	-	-	-	-	-	0	300	100	-	-	-
Nitric Oxide (NO)	10	1	1	0	-	-	-90	-	-	100	30	50
Hydrogen (H₂)	60	0.05	0.5	0	0	0	0	0	0	0	100	0
Ammonia (NH₃)	0	0	0	0	0	0	0	0	0	0	0	100