

Diffusion Type - for Combustible Gas

KD-2A•KD-3A



Model	KD-2A	KD-3A
Detection Principle	Hot wire semiconductor, Catalytic combustion, or Thermal conductivity	
Gas Detected	Combustible gas	
Detection Range	As per specifications	
Power Source for Sensor	Supplied from the indicator unit	
Maximum Loop Length	1km (with 2mm ² cable)	
Sampling Method	Diffusion type	
Explosion-Proof Structure	d2G4	d3aG4/d3cG4
Operating Temperature Range	-10 degrees C to 40 degrees C	
Applicable Cable	4C	
Dimensions	W144×H180×D100mm	
Weight	Approx. 1.2kg	

Diffusion Type - for Combustible Gas

KD-5A•KD-5B



Model	KD-5A	KD-5B
Detection Principle	Hot wire semiconductor, Catalytic combustion, or Thermal conductivity	
Gas Detected	Combustible gas	
Detection Range	As per specifications	
Power Source for Sensor	Supplied from the indicator unit	
Maximum Loop Length	1km (with 2mm ² cable)	
Sampling Method	Diffusion type	
Explosion-Proof Structure	d3aG4	d2G4
Operating Temperature Range	-10 degrees C to 60 degrees C	
Applicable Cable	3C shielded	
Dimensions	W141×H192×D94mm	
Weight	Approx. 1kg	

Diffusion Type - for Toxic Gas/Oxygen

KS-2D•KS-2O



Model	KS-2D	KS-2O
Detection Principle	Electrochemical cell	Galvanic cell
Gas Detected	Toxic gas	Oxygen
Detection Range	As per specifications	
Power Source for Sensor	Supplied from the indicator unit	
Maximum Loop Length	1km (500m when using a Zener barrier; with 2mm ² cable)	
Sampling Method	Diffusion type	
Explosion-Proof Structure	Intrinsically safe explosion-proof 3nG5 when combined with a Zener barrier	
Operating Temperature Range	0 degrees C to 40 degrees C	
Applicable Cable	2C shielded	
Dimensions	W102×H200×D75mm(excluding protrusions)	
Weight	Approx. 1.5kg	

Diffusion Type - for Toxic Gas

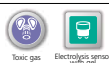
KD-2AS-NH₃



Model	KD-2AS-NH ₃
Detection Principle	Semiconductor
Gas Detected	NH ₃
Detection Range	As per specifications
Power Source for Sensor	Supplied from the indicator unit
Maximum Loop Length	1km (with 2mm ² cable)
Sampling Method	Diffusion type
Explosion-Proof Structure	d2G4
Operating Temperature Range	-10 degrees C to 40 degrees C
Applicable Cable	4C shielded
Dimensions	W144×H180×D100mm
Weight	Approx. 1.2kg

Diffusion Type - for Toxic Gas

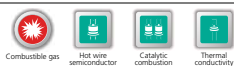
KCM-3A



Model	KCM-3A
Detection Principle	Electrolysis sensor with gel electrolyte
Gas Detected	COCl ₂ , HCN, others
Detection Range	As per specifications
Power Source for Sensor	Supplied from the indicator unit
Maximum Loop Length	1km (500m when using a Zener barrier; with 2mm ² cable)
Sampling Method	Diffusion type
Explosion-Proof Structure	Intrinsically safe explosion-proof 3nG5 when combined with a Zener barrier
Operating Temperature Range	0 degrees C to 40 degrees C
Applicable Cable	2C shielded
Dimensions	W152×H190×D120mm
Weight	Approx. 1.3kg

Extractive Type - for Combustible Gas

PE-2CC•PE-2DC



Model	PE-2CC	PE-2DC
Detection Principle	Hot wire semiconductor, Catalytic combustion, or Thermal conductivity	
Gas Detected	Combustible gas	
Detection Range	As per specifications	
Power Source for Sensor	Supplied from the indicator unit	
Power Source for Pump	100V AC+/-10%	24V DC+/-10%
Maximum Loop Length	1km (with 2mm ² cable)	
Sampling Method	Extractive	
Explosion-Proof Structure	d2G4	
Operating Temperature Range	-10 degrees C to 40 degrees C	
Applicable Cable	6C	
Dimensions	W122xH390xD96mm(excluding accessories)	
Weight	Approx. 6.2kg	

Extractive Type - for Toxic Gas

PE-2CZ-NH₃•PE-2DZ-NH₃



Model	PE-2CZ-NH ₃	PE-2DZ-NH ₃
Detection Principle	Semiconductor	
Gas Detected	NH ₃	
Detection Range	As per specifications	
Power Source for Sensor	Supplied from the indicator unit	
Power Source for Pump	100V AC+/-10%	24V DC+/-10%
Maximum Loop Length	1km (with 2mm ² cable)	
Sampling Method	Extractive	
Explosion-Proof Structure	d2G4	
Operating Temperature Range	-10 degrees C to 40 degrees C	
Applicable Cable	6C	
Dimensions	W122xH390xD96mm(excluding accessories)	
Weight	Approx. 6.2kg	

Extractive Type - for Oxygen

PS-2OP•PS-2OE



Model	PS-2OP	PS-2OE
Detection Principle	Galvanic cell	
Gas Detected	Oxygen	
Detection Range	As per specifications	
Power Source for Sensor	Supplied from the indicator unit	
Power Source for Pump	100V AC+/-10% or 24V DC+/-10%	
Air Supply		Instrumentation air 0.3-0.7MPa
Maximum Loop Length	1km (with 2mm ² cable)	1km (500m when using a Zener barrier; with 2mm ² cable)
Sampling Method	Extractive	Eductor
Explosion-Proof Structure	Non-explosion-proof	Intrinsically safe explosion-proof 3nG5 when combined with a Zener barrier
Operating Temperature Range	0 degrees C to 40 degrees C	
Applicable Cable	2C+2C shielded	2C shielded
Dimensions	W300xH350xD100mm(excluding protrusions)	
Weight	Approx. 5.6kg	

Extractive Type - for Toxic Gas

PS-2CK III



Model	PS-2CK III
Detection Principle	Pyrolysis ionization
Gas Detected	TEOS and other alkoxide vapors
Detection Range	As per specifications
Power Source for Sensor	Supplied from the indicator unit
Power Source for Pump	100V AC+/-10%
Maximum Loop Length	1km (with 2mm ² cable)
Sampling Method	Extractive
Explosion-Proof Structure	Non-explosion-proof
Operating Temperature Range	0 degrees C to 40 degrees C
Applicable Cable	2C+4C shielded
Dimensions	W300xH350xD100mm(excluding protrusions)
Weight	Approx. 9.3kg