



RIKEN KEIKI

# RIKEN GAS DETECTOR HEAD

GD-A80 series



【Combustible gases】

GD-A80

【Toxic gases】

GD-A80V

Connect with indicator unit



RM-5000 series



RM-6000 series

## Features

- Explosion class Exd IIC T4 Gb
- Sample draw, aspirating type available
- Small, rugged

## Specifications

Model	GD-A80 ※1,2	GD-A80V ※1,2	GD-A80S ※1,2	GD-A80N ※1,2	GD-A80-70 ※1
Detection principle	Catalytic combustion/New ceramic type	Semi-conductor type	Hot wire semi-conductor type	Thermal conductivity type	Catalytic combustion type
Gas to be detected	Combustible gases	Combustible/toxic gases	Combustible/toxic gases	Combustible/inert gases	Combustible gases
Detection range	Diffusion type				
Transmission cable	CVV 1.25mm <sup>2</sup> or 2mm <sup>2</sup> 4-core	CVVS · 1.25mm <sup>2</sup> or 2mm <sup>2</sup> ·3-core	CVVS 1.25mm <sup>2</sup> or 2mm <sup>2</sup> 4-core		Heat-resistant wire 1.25mm <sup>2</sup> or 2mm <sup>2</sup> 4-core
Transmission distance	Depends on indicator				
Power supply	Supply from indicator				
Operating temperature	-20 - +53°C(at a constant condition)				-40 - +70°C (at a constant condition)
Operating humidity	Below 95%RH (Non-condensing)				
Structure	Wall mounting type				
External dimensions/Weight	Approx. 78 (W) x 154 (H) x 105 (D) mm (projection portions excluded)				Approx. 1.0kg
Explosion-proof	Flame-proof enclosures <span style="border: 1px solid black; padding: 2px;">ATEX: II 1G Ex d IIC T4 Gb IECEX: Ex d IIC T4 Gb</span>				
Ingress proof rating	IP65				

\*1. Sample drawing type available (external pump unit excluded)

\*2. Aspirator type available

### Standard accessories

- Fix bracket
- Hex driver (2mm)
- Hex driver (4mm)

### Optional accessories

- Drip-proof cover
- Calibration cap
- Silicon removal filter: SI-5
- Charcoal filter: CF-8394



**RIKEN KEIKI Co., Ltd.**

2-7-6 Azusawa, Itabashi-ku, Tokyo 174-8744, Japan

Phone : +81-3-3966-1113

Telefax : +81-3-3558-9110

E-mail : [intdept@rikenkeiki.co.jp](mailto:intdept@rikenkeiki.co.jp)

Web site : <http://www.rikenkeiki.co.jp>