



RIKEN KEIKI

### GAS DETECTOR HEAD GD-F4A-SC-A SPECIFICATION

Detection principle	Galvanic cell method
Detectable gas	O <sub>2</sub>
Detection method	Suction method (with flow passage)
Suction flow	1.0±0.3L/min
Transmission method	Analog transmission
Transmission specification	4-20mADC
Transmission cable	CVVS 1.25mm <sup>2</sup> · 2-core or equivalent
Transmission distance	Up to 2km with CVVS 1.25 mm <sup>2</sup> (up to 250m between the detector head and Zener barrier)
Power supply	24VDC (supplied from indicator/alarm unit)
Zener barrier	MTL7728ac/MTL7728+/MTL7728- ZB-1A/ZB-1A+/ZB-1A- ZB-4A/ZB-4A+/ZB-4A-
Cabling port	Cable gland (Applicable cable O.D. φ8~φ11mm)
Piping port	Rc1/8 (with half union for O.Dφ8-1t)
Operating temperature	-10~+40°C (non-rapidly-vary)
Operating humidity	Less than 90%RH (non-condensing)
Structure	Wall mounting type/mountable to pipe size 2B<50A>
Explosion-proof structure	Intrinsically safe structure (by using zener barrier)
Explosion-proof grade	Exia II CT4X
Explosion-proof approval No.	TC21282 (TIIS, Japan)
Outer dimension	Approx. 140 (W) × 175 (H) × 95 (D) mm
Weight	General spec. : approx. 1.7kg Stainless steel spec. : approx. 2.0kg
Color	Munsel 2.5Y9/2 half tone

### Outline Drawings

