

## GAS DETECTOR HEAD GD-F3A-A SPECIFICATION

Detection principle	Galvanic cell method
Detectable gas	O <sub>2</sub>
Detection method	Diffusion method
Transmission scheme	Direct output from sensor
Transmission cable	CVVS worth of shield cable (1.25mm <sup>2</sup> ) · 2-core
Transmission distance	Less than 600m by CVVS · 1.25mm <sup>2</sup> cable
Zener barrier	MTL7761Pac
Cabling port	Cable gland (Suitable cable dia $\phi 8 \sim \phi 11$ mm)
Operating temperature	-10~+40°C (non-rapidly-vary. It may differ according to mounted sensor.)
Operating humidity	Less than 90%RH (non-condensing. It may differ according to mounted sensor.)
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.	TC21279 (TIIS, Japan)
Outer dimension	Approx. 140 (W) × 175 (H) × 86 (D) mm
Weight	Approx. 1.4kg
Color	Munsell 2.5Y9/2 semi-gloss

### Outline Drawings

