

GAS DETECTOR HEAD GD-F3A-SC-A SPECIFICATION

Detection principle	Galvanic cell method
Detectable gas	O ₂
Detection method	Diffusion method
Transmission method	Analog transmission
Transmission specification	4-20mA DC
Transmission cable	CVVS 1.25mm ² · 2-core or equivalent
Transmission distance	Up to 2km with CVVS 1.25mm ² (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-
Cable entry	Cable gland (Applicable cable O. D. $\phi 8 \sim \phi 11$ mm)
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.	TG21280 (TIIS, Japan)
Outer dimension	Approx. 140 (W) × 175 (H) × 95 (D) mm
Weight	Approx. 1.6kg
Color	Munsell 2.5Y9/2 half tone

Outline Drawings

