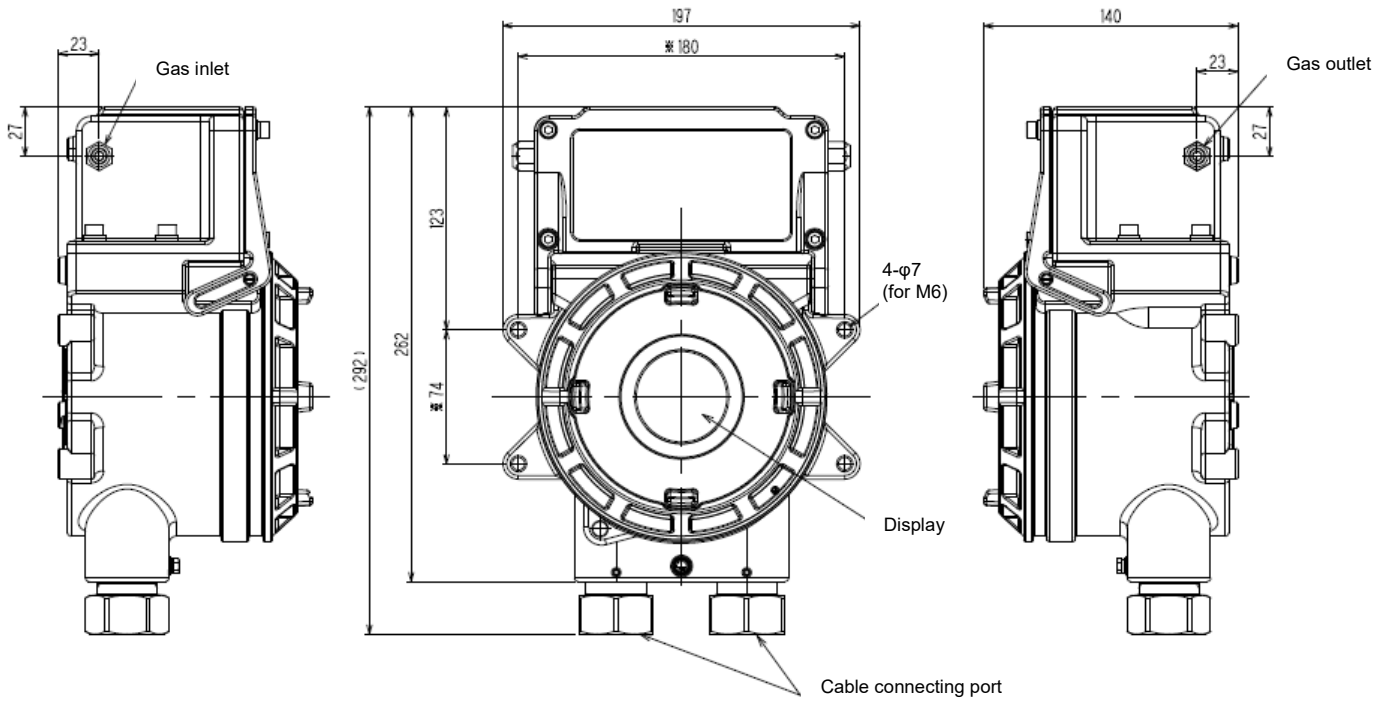


GAS DETECTOR HEAD **GD-D58-DC (TYPE GP) (ATEX) SPECIFICATION**

| | |
|------------------------------|---|
| Model | GD-D58-DC |
| Type | TYPE GP |
| Detection principle | Catalytic combustion type |
| Gas to be detected* | Combustible gas |
| Detection method | Sample-drawing |
| Flow rate | 1.0L/min or more (at maximum suction pressure of 5.0kPa <gauge pressure>) |
| Power display | POWER lamp on (green) |
| Fault alarm/self diagnosis | System abnormality/low flow rate |
| Fault alarm display | FAULT lamp on (yellow)/detail display |
| Fault alarm pattern | Non latching (Auto-reset) |
| Transmission system | Sensor direct output |
| Pump power cable | CVV, etc. (1.25mm ² or 2.0mm ²) - 2-core |
| Power cable laying distance | Less than 375m in case of CVV 1.25mm ² Less than 550m in case of CVV 2.0mm ² |
| Transmission cable | CVVS, etc. (1.25mm ² or 2.0mm ²) - 4-core or 6-core (in common with power cable) |
| Power supply | 24VDC ±10% |
| Power consumption | Maximum 8.6W |
| Cable connecting port* | Pressure proof packing gland<G3/4>(Compatible cables φ9.0~φ16.0mm in outer diameter) |
| Tube connecting port* | Rc1/8 (O.Dφ8-1t half-union for Cu tube <Bs> supplied or half-union for SUS tube <SUS>) |
| Operating temperature | -20 - +53°C (at a constant condition) |
| Operating humidity | Below 95%RH (Non-condensing) |
| Structure | Wall mounting type (2B<50A> pipe installation supported) |
| Explosion-proof structure | Flame-proof enclosures |
| Explosion-proof class | II 2G Ex db h II B+H2 T4 Gb |
| Explosion-proof approval No. | DNV 21 ATEX 63457X |
| IP rating | Equivalent to IP67 |
| Dimension | Approx. 197(W) x292(H) x140(D)mm (projection portions excluded) |
| Weight | Approx. 5.8kg |
| Outer color | Munsell 7.5BG5/2 |

*Please specify your request when ordering.

Outline Drawings



Terminal Drawings

| T N 2 | | | |
|----------------------|---|---|---|
| 3 | 4 | 5 | 6 |
| 3 | 4 | 5 | 6 |
| Detector head signal | | | |

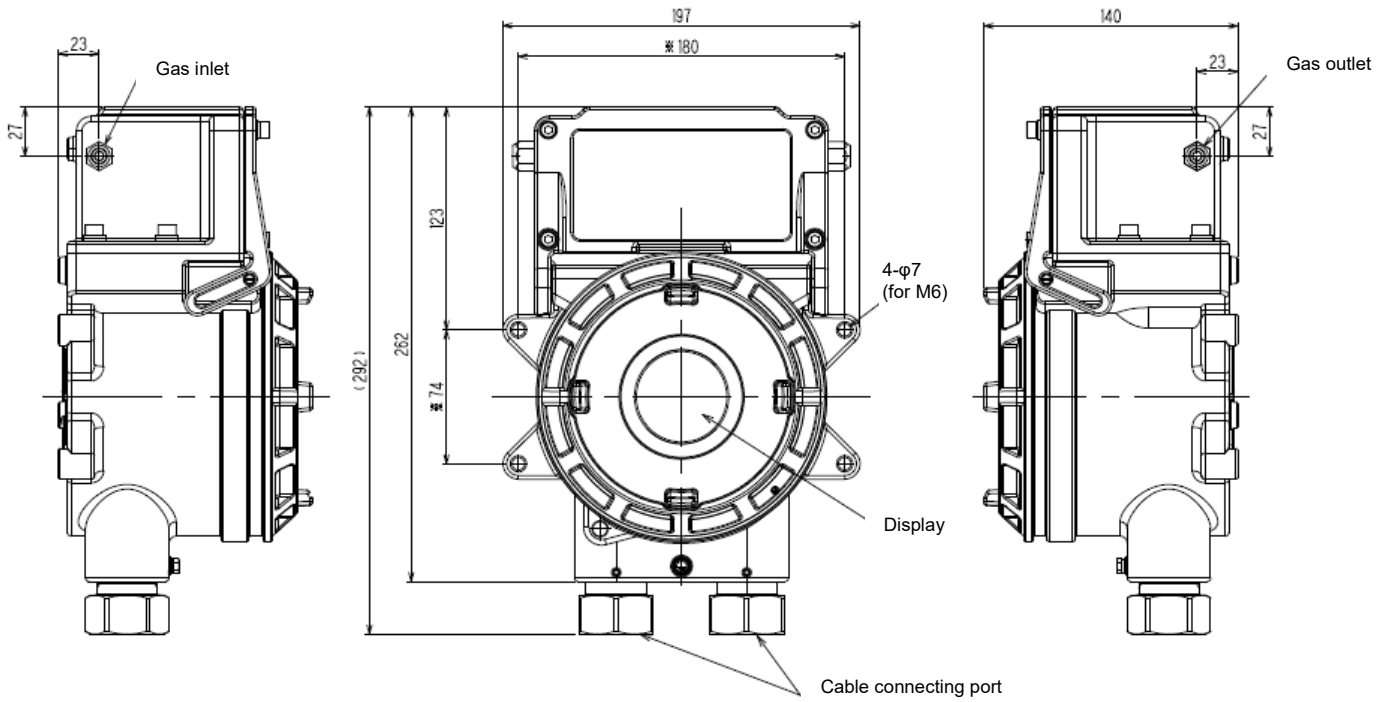
| T N 1 | |
|--------------------------------------|---|
| 1 | 2 |
| + | - |
| Pump power supply 24 VDC input | |

GAS DETECTOR HEAD **GD-D58-DC (TYPE NC) (ATEX) SPECIFICATION**

| | |
|------------------------------|---|
| Model | GD-D58-DC |
| Type | TYPE NC |
| Detection principle | New ceramic type |
| Gas to be detected* | Combustible gas |
| Detection method | Sample-drawing |
| Flow rate | 1.0L/min or more (at maximum suction pressure of 5.0kPa <gauge pressure>) |
| Power display | POWER lamp on (green) |
| Fault alarm/self diagnosis | System abnormality/low flow rate |
| Fault alarm display | FAULT lamp on (yellow)/detail display |
| Fault alarm pattern | Non latching (Auto-reset) |
| Transmission system | Sensor direct output |
| Pump power cable | CVV, etc. (1.25mm ² or 2.0mm ²) - 2-core |
| Power cable laying distance | Less than 375m in case of CVV 1.25mm ² Less than 550m in case of CVV 2.0mm ² |
| Transmission cable | CVVS, etc. (1.25mm ² or 2.0mm ²) - 4-core or 6-core (in common with power cable) |
| Power supply | 24VDC ±10% |
| Power consumption | Maximum 8.6W |
| Cable connecting port* | Pressure proof packing gland<G3/4>(Compatible cables φ9.0~φ16.0mm in outer diameter) |
| Tube connecting port* | Rc1/8 (0. Dφ8-1t half-union for Cu tube <Bs> supplied or half-union for SUS tube <SUS>) |
| Operating temperature | -20 - +53°C (at a constant condition) |
| Operating humidity | Below 95%RH (Non-condensing) |
| Structure | Wall mounting type (2B<50A> pipe installation supported) |
| Explosion-proof structure | Flame-proof enclosures |
| Explosion-proof class | II 2G Ex db h II B+H2 T4 Gb |
| Explosion-proof approval No. | DNV 21 ATEX 63457X |
| IP rating | Equivalent to IP67 |
| Dimension | Approx. 197 (W) x292 (H) x140 (D)mm (projection portions excluded) |
| Weight | Approx. 5.8kg |
| Outer color | Munsell 7.5BG5/2 |

*Please specify your request when ordering.

Outline Drawings



Terminal Drawings

| T N 2 | | | |
|----------------------|---|---|---|
| 3 | 4 | 5 | 6 |
| 3 | 4 | 5 | 6 |
| Detector head signal | | | |

| T N 1 | |
|--------------------------------------|---|
| 1 | 2 |
| + | - |
| Pump power supply 24 VDC input | |