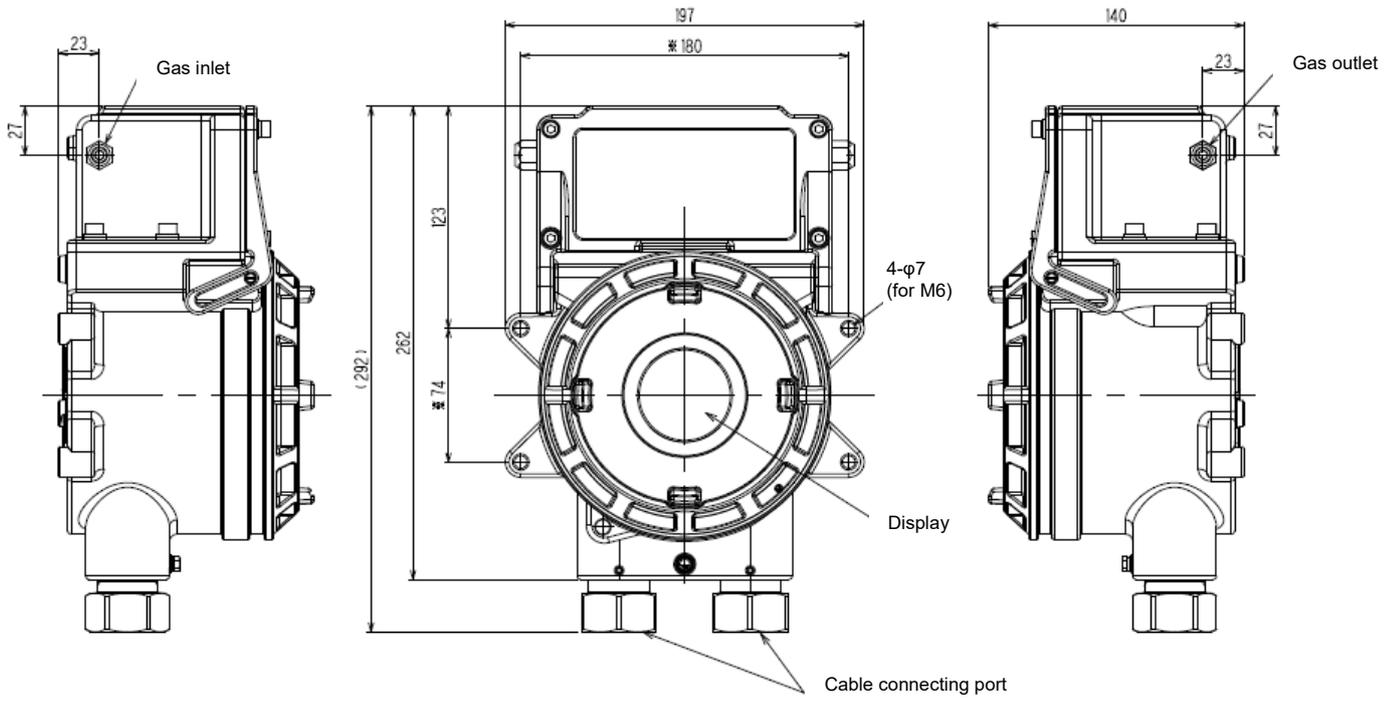


FIXED TYPE EXPLOSION-PROOF PUMP UNIT **RP-D58-DC (ATEX) SPECIFICATION**

Model	RP-D58-DC
Display	Seven-segment LED (four-digit)
Flow rate	1.0L/min or more (at maximum suction pressure of 5.0kPa <gauge pressure>)
Power display	POWER lamp on (green)
External output	Fault alarm contact
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)
Fault alarm contact*	No-voltage contact 1a, de-energized (energized in response to an alarm) or energized (de-energized in response to an alarm)
Contact capacity	30VDC - 0.5A (resistant load)
Power/contact cable	CVV, etc. (1.25mm ² or 2.0mm ²) - 2-core or 4-core
Transmission distance	Less than 375m in case of CVV 1.25mm ² Less than 550m in case of CVV 2.0mm ²
Initial clear	Approx. 25sec
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.D φ8-1t half-union for Cu tube <Bs> supplied or half-union for SUS tube <SUS>)
Operating temperature	-20 - +53°C (non-rapidly-vary)
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) x 292 (H) x 140 (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
Contact	Contact	Not used	

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