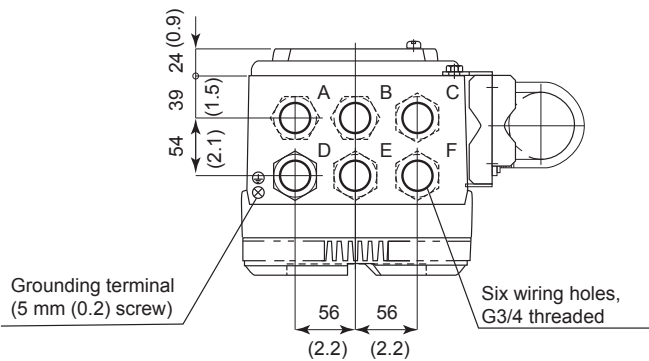
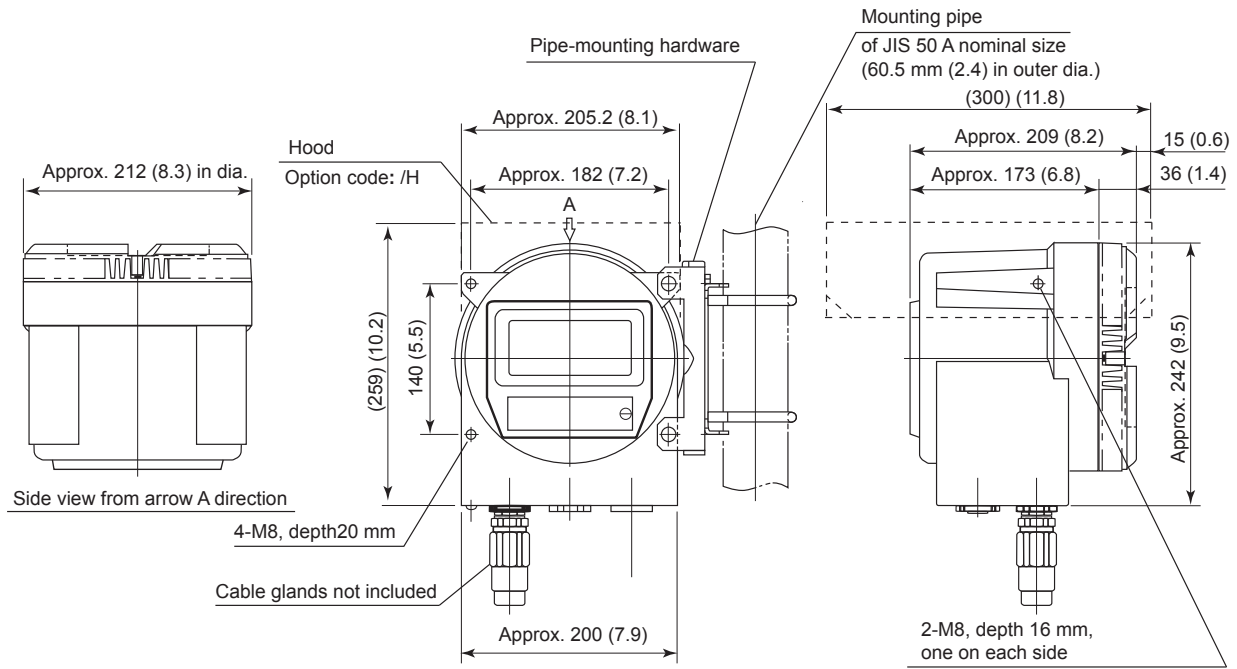


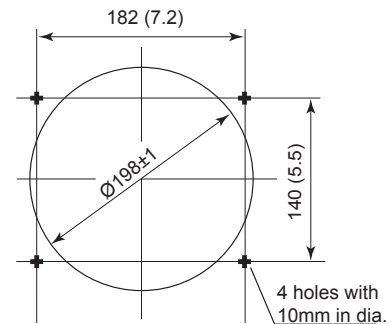
Drawings

Model GD402V Gas Density Meter Converter (Explosion-proof)

Unit: mm (in.)



Cable gland	Connection
A	• Power Supply
B, C	• Contact Output
D	• Detector
E, F	• Pressure from Transmitter, • Analog Output • Contact Input



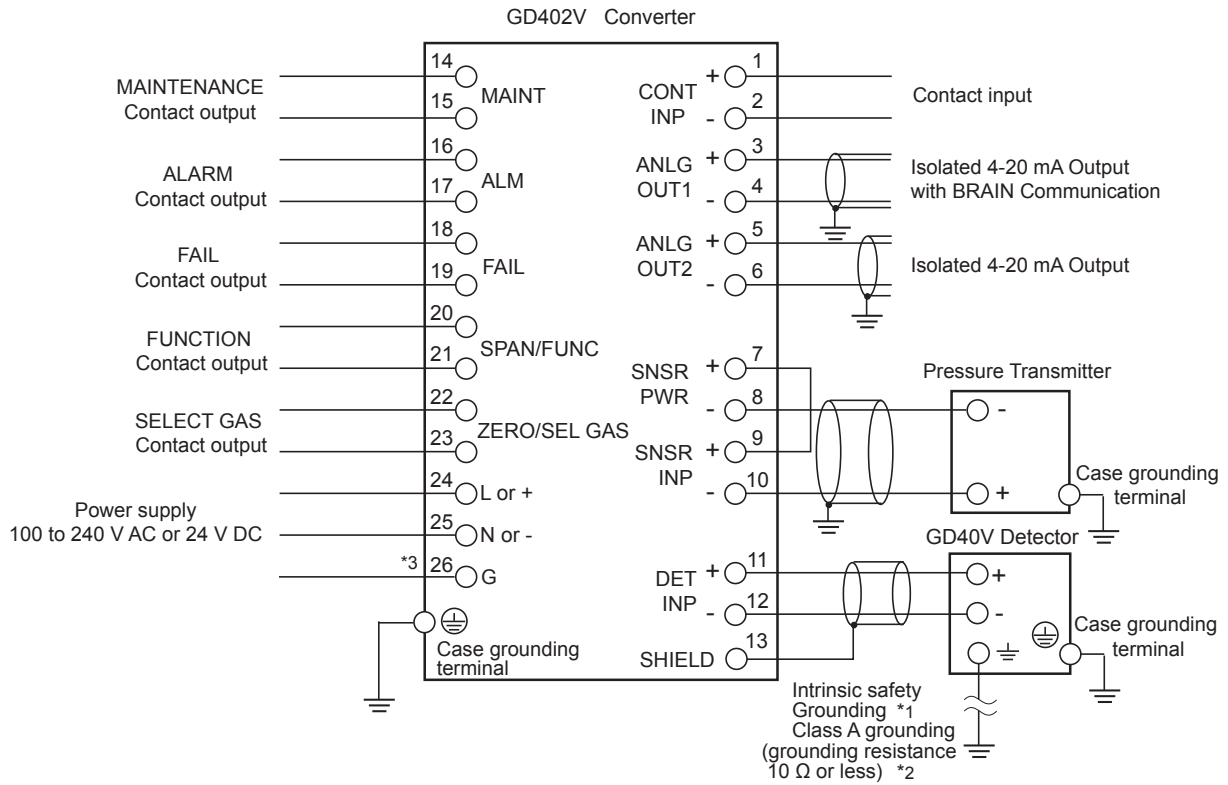
Panel Cutout
The screw hole for panel installation on the converter and 20mm depth. The bolts attached to the product are M8 screw and 20mm in length.

Weight: approximately 15 kg
(33.1 pounds)

Unless otherwise specified, differences in the dimensions are specified as: General tolerance = ±(Criteria of tolerance class IT18 in JIS B0401-1998)/2.

WIRING DIAGRAM

□ GD402V - D : 24 V DC □ GD402V - A : 100 to 240 V AC



Cable List

Terminal	Indication	Shield Requirement	Requirement
MAINTENANCE Contact output	MAINT	Unshielded	
ALARM Contact output	ALM	Unshielded	
FAIL Contact output	FAIL	Unshielded	
FUNCTION Contact output	SPAN	Unshielded	
SELECT GAS Contact output	ZERO	Unshielded	
Contact input	CONT IN	UnShielded	
Analog output1	ANLG OUT1	Shielded	Total resistance should not exceed 50 Ω. Shield should be grounded at one end only. Maximum load resistance including wire resistance is 600Ω . When BRAIN communication is used, it is 250 to 550 Ω.
Analog output2	ANLG OUT2	Shielded	
Pressure transmitter input	SNSR PWR SNSR INP	Shielded	Total resistance should not exceed 50 Ω. Shield should be grounded at one end only.
Detector input	DET INP SHIELD	Shielded	Total resistance should not exceed 50 Ω. Connect shield to SHIELD terminal on converter.
Supply	L, N, G	Unshielded	

*1 Intrinsic safety grounding

GD402V, GD40V; All wiring should comply with Canadian Electrical Code and Local Electrical Codes. GD402T, GD40T; All wiring should comply with National Electrical Code and ANSI/NFPA 70 and Local Electrical Codes.

*2 When select GD402T/V/R.

*3 Terminal 26 is connected to the case-grounding terminal.