

Catalogue No: **DG3 J01 GL**

DIGIMETER 4-20mA IN 24V AC AUX

Energy Management and Building Automation > Energy Management and Metering > Analogue and Digital Meters > IME Digital Meters > Panel Mount Digital Meters > DGP 36



DIGIMETER 4-20mA IN 24V AC AUX

- AC current and / or voltage measurement at 47 to 420Hz true RMS
- Frequency measurement
- DC current and / or voltage measurement
- Programming by key combination, 2 keys
- Different auxiliary supply options are available - contact NHP for further information

Representative Photo Only
(actual product may vary based on configuration selections)

SPECIFICATIONS

Product Series	DGP 36
Component Type Metering	Digital Meter
Meter Type(s)	Instantaneous Current
Input Range(s)	4 ... 20mA
Input Units	mA
Details, Input(s)	Voltage drop: < 200mV
Display (Output) Units	mA
Display (Output) Range(s)	4 ... 20mA
Display Technology	LED, 7-segment display
Overrange Display	Yes
Overrange Maximum	Display > 999; Indication: red LED on
Number of Characters	3
Height, Characters	14 mm
Details, Display	No. of display points: 1,000; Maximum display -999... 999; Polarity indication: automatic, signal "-"; Decimal point: fixed; Resolution: 1 digit; Accuracy: +/- 0.5% + 1 digit;
Control Voltage, AC, Nom	24 V AC
Control Voltage, AC, Min	21.6 V AC min
Control Voltage, AC, Max	26.4 V AC max
Input Frequency, Auxiliary, Nom	50 Hz
Input Frequency, Auxiliary, Min	47 Hz
Input Frequency, Auxiliary, Max	63 Hz
Aux power consumption, AC, max	4.5 VA
Dielectric Strength	A.C. voltage test 2kV r.m.s. 50Hz/1 min for measure, supply circuits; A.C. voltage test 4kV r.m.s. 50Hz/1 min for all circuits and earth;
Current, Overload Capacity, Continuous	4E-05 kA

Catalogue No: **DG3 J01 GL**

DIGIMETER 4-20mA IN 24V AC AUX

Energy Management and Building Automation > Energy Management and Metering > Analogue and Digital Meters > IME Digital Meters > Panel Mount Digital Meters > DGP 36

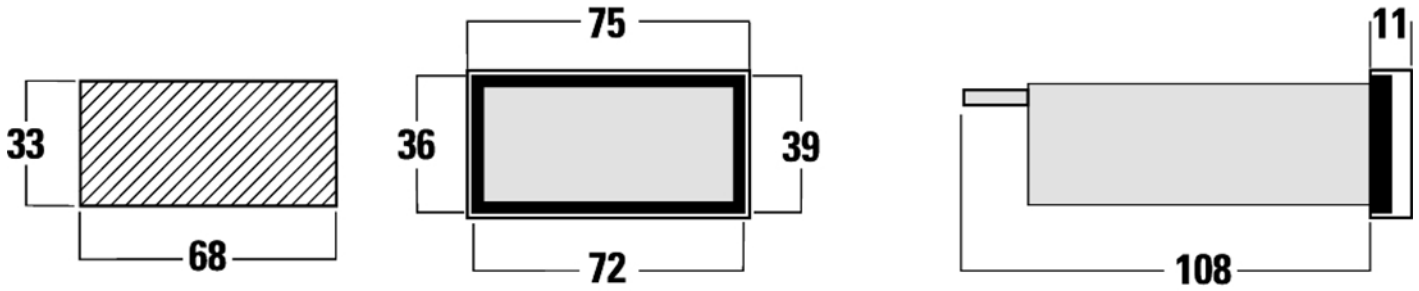


Current, Overload Capacity, 5s (rms)	0.0002 kA
Sampling Frequency	3 Hz
Connection Method	Direct connect
Installation Category	III
Pollution Degree	2
Alarm Function	No
Material, Body / Housing	PC (Polycarbonate) material
Mounting	Panel Mount
Terminal Type	Fast-On Crimp Terminal(s)
Power Consumption, Max	2 W
IP Rating, Front	IP50
IP Rating, Terminals	IP20
Details, IP Rating	IP54 Protection Degree is also available with kit ADGIP543
Height, Window	36 mm
Width, Window	72 mm
Height, Cutout	33 mm
Width, Cutout	68 mm
Depth	119 mm
Weight	0.2 kg
Operating Temperature, Min	-5 °C min
Operating Temperature, Max	55 °C max
Storage Temperature, Min	-40 °C min
Storage Temperature, Max	70 °C max
Humidity type	Short-Term Condensation
Standards Compliance	EN 60529 EN 61010-1 EN 61326-1 IEC 60529 IEC 61010-1 IEC 61326-1

REFERENCES

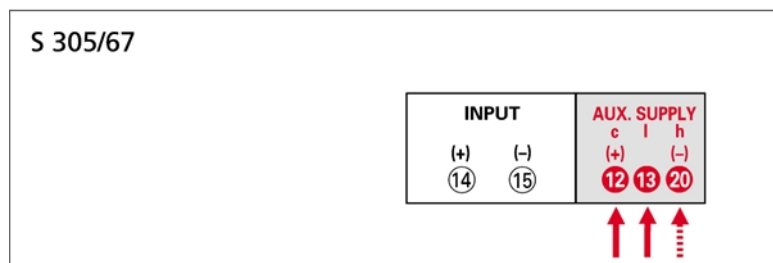
IECEx Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	-
Manufacturer Catalogue & Product Selection:	-

DIMENSIONS



Dimension Diagram

WIRING DIAGRAM



Connection / Wiring Diagram

Catalogue No: **DG3 J01 GL**

DIGIMETER 4-20mA IN 24V AC AUX

Energy Management and Building Automation > Energy Management and Metering > Analogue and Digital Meters > IME Digital Meters > Panel Mount Digital Meters > DGP 36



Direct measurement

or

Measurement by Transducer



Technical Diagram