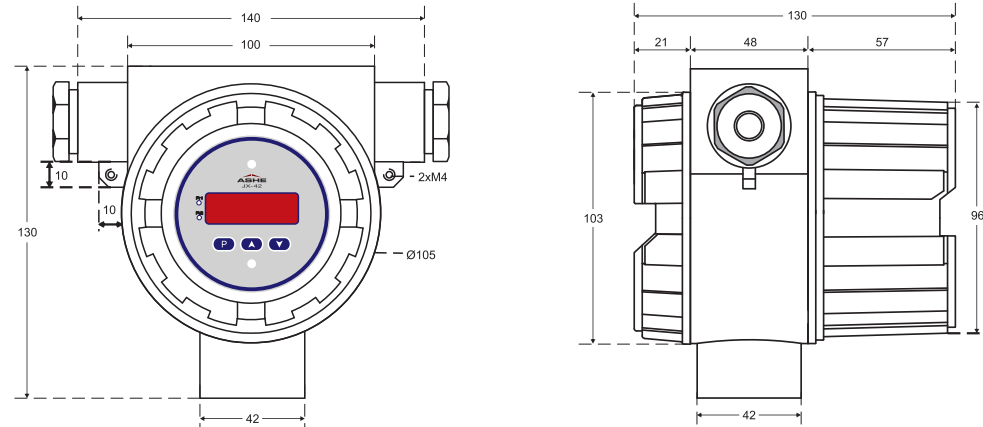


DIMENSIONAL DIAGRAM



TECHNICAL SPECIFICATIONS

DIGITAL INDICATOR CONTROLLER (FLAMEPROOF)

Model	ASHE JX-42
Type	Digital Indicator Controller in Flameproof execution.
Input Signal System	4 to 20 mA DC (or as required). Two wire / Four wire (to be specified)
Indication	Four-digit red LED seven-segment display.
Scale Range	-999 to +9999.
Calibration	Configurable from front keypad.
Control Output	Two Relay change-over contacts
Accuracy	> ± 0.1%.
Response Time	Typically 75 mSec.
Retransmission	4 to 20 mA DC (optional).
Power Supply	90 to 270 V AC, 50/60 Hz. OR 24 VDC (± 10%)
Auxiliary Power Supply Out	24 V DC at 100 mA for Aux Transmitter Power (Optional)
Enclosure	Explosion-proof Aluminium Alloy LM6, suitable for gas groups IIA/IIB, certified for Ex-d applications.
Cable Entries	Two (3/4" ET)
Mounting Accessories	SS316 Mounting Kit comprising 2" pipe mounting bracket, U-Clamp, L-Bracket and Mounting Bolt (optional).
Execution	Wall/Pipe mounting.
Ingress Protection	IP66 execution.
Dimensions	140 x 130 x 130 mm [W x H x D].
Weight	Approximately 2.5 Kg.
Operating Temperature	0 to 55°C

TERMINAL DIAGRAM

TERMINAL BLOCK - 1

1	2	3	4	5	6	7
+	-	-	+	+	+	-
24 VDC POWER SUPPLY		4-20 mA DC OUTPUT		24 VDC OUT		4-20 mA DC INPUT

TERMINAL BLOCK - 2

8	9	10	11	12	13
NC	C	NO	NC	C	NO
RELAY-1			RELAY-2		

TERMINAL BLOCK - 3 (Additional block for AC Supply)

14	15	16
L	N	E
90 to 270 VAC, 50/60Hz AC POWER SUPPLY		

TERMINAL DESCRIPTION:

TERMINAL BLOCK	TERMINAL NO.	NOTATION	DETAILS
TERMINAL BLOCK - 1	1	+	24 VDC Power Supply
	2	-	
	3	-	4-20 mA DC Output
	4	+	
	5	+	24 VDC OUT
	6	+	4-20 mA DC Input
	7	-	
TERMINAL BLOCK - 2	8	NC	Relay-1
	9	C	
	10	NO	
	11	NC	Relay-2
	12	C	
	13	NO	
TERMINAL BLOCK - 3	14	L	90 to 270 VAC, 50/60Hz AC Power Supply
	15	N	
	16	E	

NOTES: All Dimensions In mm

Customer		TITLE	TERMINAL AND DIMENSIONAL DRAWING	
PO. No.		PRODUCT	DIGITAL INDICATOR CONTROLLER (FLAMERPROOF)	
Quantity		MODEL	ASHE JX-42	
Tag Nos.		DATE	126-10-2021	DOC NO. : ACPL/GA/JX-42
				SHEET : 1 of 1