6000 Series intrinsically safe cable harness

6000-CBLA-ISB-**

- Interface cable for intrinsically safe termination board back to EPCU
- Cable lengths: 500 and 4200 mm
- Easy numbered termination of wires
- Special order lengths available

6000 Series intrinsically safe cable harness

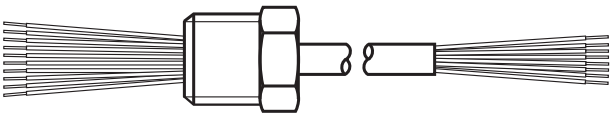
Function

The 6000 series intrinsically safe cable harness provides a connection from the intrinsically safe termination board to the 6000 EPCU. The wire harness comes with a nickel-plated brass gland that is Ex sealed for explosionproof and Ex d. This provides a sealed connection to the inside of the 6000 explosionproof / Ex d housing.
The optional 6000 series intrinsically safe termination board is DIN rail mountable in a pressurized enclosure or other suitable enclosure. The terminal board allows for interfacing of the vent(s), temperature hub, user interface, manifold valve, and the four digital inputs from the field.
The board and its connections are intrinsically safe and should maintain proper distance from non-intrinsically safe wiring.

Connection Assignment

I.S.PWR 1	1
I.S.PWR 2	2
I.S.PWR 3	3
GND	4
In 1	5
In 2	6
In GND	7
In 3	8
In 4	9
Com B	10
Com A	11
Val +	12
Val -	13

EPCU I.S. connector



1	I.S.PWR 1
2	I.S.PWR 2
3	I.S.PWR 3
4	GND
5	In 1
6	In 2
7	In GND
8	In 3
9	In 4
10	Com B
11	Com A
12	Val +
13	Val -

I.S. Termination board connector

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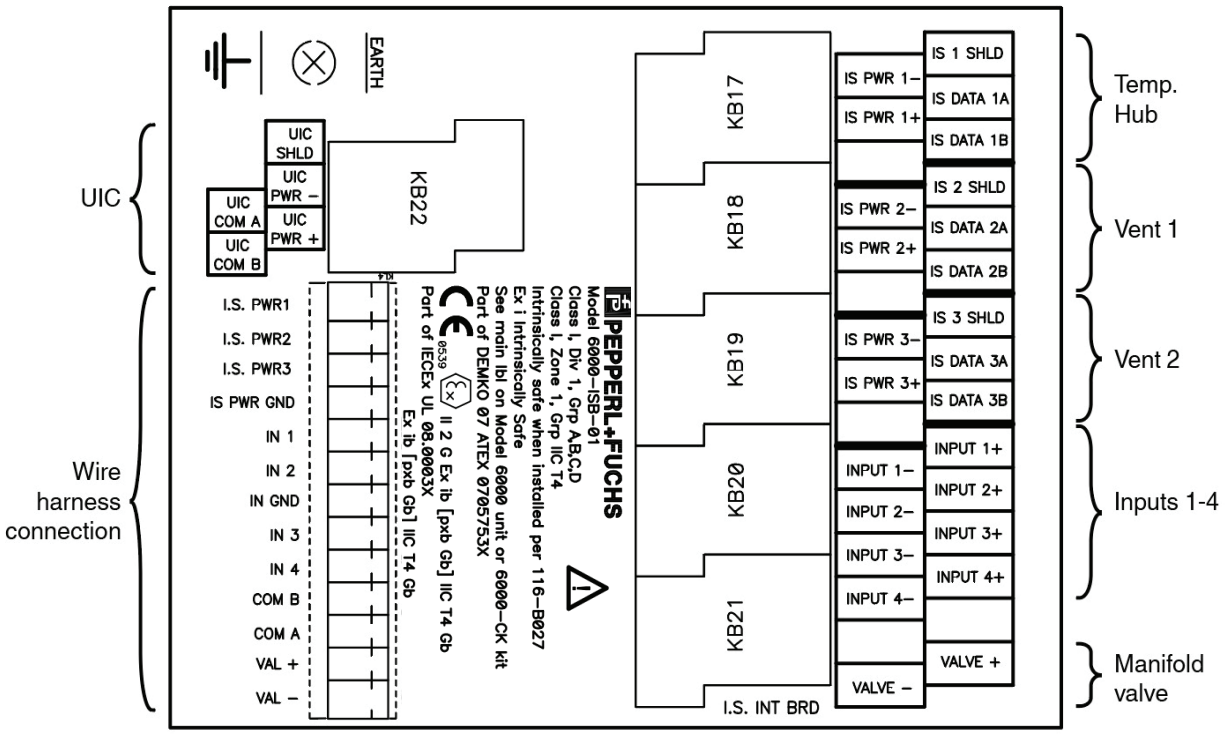
Connection



Optional intrinsically safe termination board 6000-ISB-01 (not included)

Technical Data

General specifications	
Series	6000 Series
System	Type X Purge ; Ex pxb Purge
Mechanical specifications	
Connection type	3/4" NPT, Explosionproof seal
Cable	Gauge: 22 AWG (0.33 mm²) Minimum Insulation Thickness: 0.25 mm (0.010") Outer diameter: 8.00 mm (0.315")
Mass	800 g for 500 mm cable 383 g for 4200 mm cable
Dimensions	500 mm 4200 mm
General information	
System information	Must be used with 6000 series purge system to meet certification requirements.

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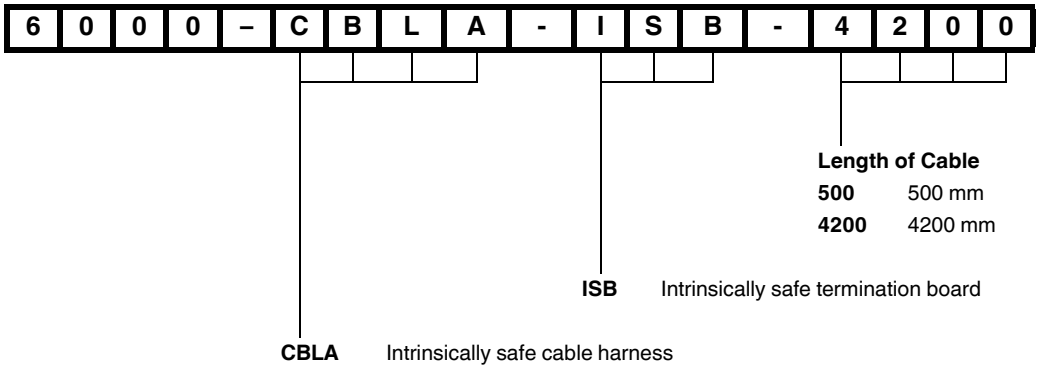
Type Code



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