Base Load Power Hub (BLPH)

TECHNICAL DATASHEET For Instrument Cable Glands and Accessory

Document Number: 123A90-DDL-IN-DS-40062

Document Class: 2

01	27/09/2024	Issue for Review (IFR)	VBA	LCA	DLO
00	19/03/2024	Issue for Review (IFR)	VBA	LCA	DLO
Rev.	Date	Description	Prepared	Reviewed	Approved

This document undergoes an issuance cycle within EDMS "Fusionlive".
Its distribution is electronically controlled. Once printed shall be considered as "NOT CONTROLLED" copy

Table of Contents

SH.	DESCRIPTION	REVISIONS							
		00	01	02	03	04	05	06	07
1	Cover	X	X						
2	Table of Contents	X	X						
3	Revision / Change Log	X	X						
4	General Requirements / Notes	X	X						
5	Cable Glands for Armoured Cables	X	X						
6	Nickel Plated Brass Plug	X	X						
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
41									
42									
43									
44									
45									
46									
47									
48									
49									
50									
51									
52									
53									
54									
55									
56									
57									
58									
59									
60									
61									

This document undergoes an issuance cycle within EDMS "Fusionlive".
Its distribution is electronically controlled. Once printed shall be considered as "NOT CONTROLLED" copy

Revision / Change Log

Rev.	Description
00	ISSUE FOR REVIEW (IFR)
01	ISSUE FOR REVIEW (IFR)

HOLDS LIST

No.	Description
1.	
2.	
3.	
4.	

This document undergoes an issuance cycle within EDMS "Fusionlive".
Its distribution is electronically controlled. Once printed shall be considered as "NOT CONTROLLED" copy

GENERAL REQUIREMENTS / NOTES

1) This datasheet is to be read in conjunction with following documents:
   a) Instrumentation for Package Unit Specification (123A90-DDL-IN-SP-40094);
   b) Instrument Electrical Hook-up (123A90-DDL-IN-HD-40079).

2) Ambient Temperature Min: -8.4 °C, Norm: 10.5 °C, Max: +25.0 °C.

3) Information with asterisk (*) shall be confirmed or provided by manufacturer according to the service condition.

4) Cables glands shall be Double compression explosion proof Ex 'd/e' type made of nickel-plated brass, certified for area classification Zone-1, IIC (or IIB+H2), T1, and with an ingress protection of IP66.

This document undergoes an issuance cycle within EDMS "Fusionlive".
Its distribution is electronically controlled. Once printed shall be considered as "NOT CONTROLLED" copy

Q.TY	ITEM	MANUFACTURER	MODEL	PURCHASE ORDER
-	Cable Glands for Armoured Cables	CMP	T3CDS	1724001490

TECHNICAL DATA

Description	Double seal cable gland for armoured cables (SWB - Steel Wire Braided)
Manufacturer	CMP
Model	T3CDS
Material	Electroless Nickel Plated Brass
Atex certification	II 2G, II 1D, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da
Degree of protection	IP66
Operating temperature	-60°C to +100°C
Accessories	locknut, earth tag, fibre sealing washer and serrated washer (accessories for each cable gland)

Thread - size	Cable acceptance details	Quantity
M20S x 1,5	Inner sheath: 6.1 ÷ 11.7 mm Outer sheath: 9.5 ÷ 15.9 mm	206
M20 x 1,5	Inner sheath: 6.5 ÷ 14.0 mm Outer sheath: 12.5 ÷ 20.9 mm	602
M25 x 1,5	Inner sheath: 11.0 ÷ 20.5 mm Outer sheath: 18.2 ÷ 26.2 mm	50
M32 x 1,5	Inner sheath: 17.0 ÷ 26.3 mm Outer sheath: 13.7 ÷ 33.9 mm	18
M50 x 1,5	Inner sheath: 35.6 ÷ 44.1 mm Outer sheath: 40.4 ÷ 53.1 mm	4

This document undergoes an issuance cycle within EDMS "Fusionlive".
Its distribution is electronically controlled. Once printed shall be considered as "NOT CONTROLLED" copy

Q.TY	ITEM	MANUFACTURER	MODEL	PURCHASE ORDER
-	See here below	CMP	See here below	1724001490

TECHNICAL DATA

Description	See here Below
Manufacturer	CMP
Model	See here Below
Material	Electroless Nickel Plated Brass
Atex certification	II 2G Ex db IIC Gb, Ex eb IIC Gb, II 1D Ex ta IIIC Da
Degree of protection	IP66
Operating temperature	-60°C to +100°C
Accessories	N.A.

Thread - size	Cable acceptance details	Quantity
M20 x 1,5	Model 767, Nickel Plated Brass, Hexagonal Head Plug Ex-d/e	306
M25 x 1,5	Model 757, Nickel Plated Brass, Hexagonal Head Plug Ex-d/e	22
M20-M x M25-F	Model 737 'Nickel Plated Brass Adapter Ex-d/e	10

This document undergoes an issuance cycle within EDMS "Fusionlive".
Its distribution is electronically controlled. Once printed shall be considered as "NOT CONTROLLED" copy