Base Load Power Hub (BLPH)

Instrument Electrical Hook-Ups

Document Number: 123A90-DDL-IN-HD-40079

Document Class: 2

02	27/09/2024	Accepted for Construction (AFC)	VBA	LCA	DLO
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00	03/04/2024	Issue for Review (IFR)	VBA	LCA	DLO
Rev.	Date	Description	Prepared	Reviewed	Approved

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Revision / Change Log

Rev.	Description
00	ISSUE FOR REVIEW (IFR)
01	ACCEPTED FOR CONSTRUCTION (AFC)
02	ACCEPTED FOR CONSTRUCTION (AFC)

HOLDS LIST

No.	Description
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GENERAL REQUIREMENTS / NOTES

1) For indoor and outdoor application, cable ladders and trays shall have FRP materials manufactured to comply with NEMA FG 1 destruction tests and IEC 60079-0 Section 7.4.2.a regarding protection against electrostatic effects taking into account the humidity rating and the local environment of the project. When specified for indoor installation, the FRP shall be zero halogen when tested in accordance with IEC 60754.

2) 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 B+H2), T1, and with an ingress protection of IP66.

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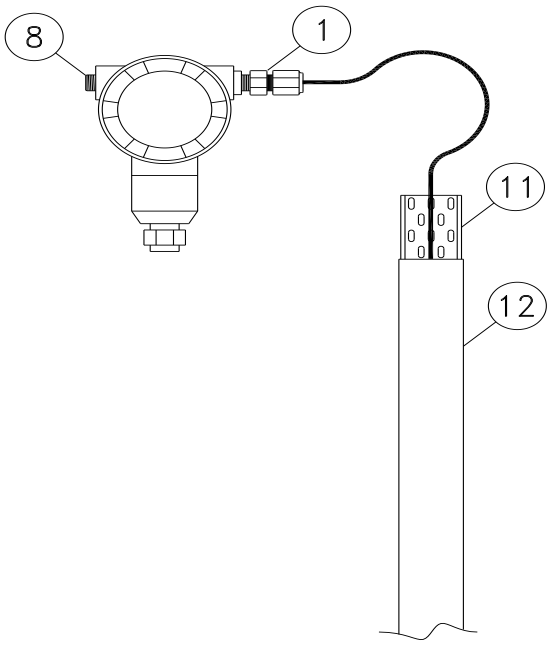
INSTRUMENT ELECTRICAL HOOK-UP - MATERIAL TAKE-OFF

POS.	NORM/STD CODE	DESCRIPTION	SIZE/CONNECTION TYPE	Q.TY
1		Double Compression, Nickel Plated Brass, Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20S	206
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3		Double Compression, Nickel Plated Brass, Cable Gland Ex-d/e IIC (or IIB + H2) T1	M25	47
4		Double Compression, Nickel Plated Brass, Cable Gland Ex-d/e IIC (or IIB + H2) T1	M32	18
5		Double Compression, Nickel Plated Brass, Cable Gland Ex-d/e IIC (or IIB + H2) T1	M50	4
6		Double Compression, Nickel Plated Brass, Cable Gland Ex-i IIC (or IIB + H2) T1	M20	42
7		Double Compression, Nickel Plated Brass, Cable Gland Ex-i IIC (or IIB + H2) T1	M25	3
8		Nickel Plated Brass, Cable Plug Ex-d/e IIC (or IIB + H2) T1	M20	282
9		Nickel Plated Brass, Cable Plug Ex-i IIC (or IIB + H2) T1	M20	24
10		Nickel Plated Brass, Adaptor Ex-d/e IIC (or IIB + H2) T1	M20 Male x M25 Female	10
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	503 mt
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 3 THK	503 mt
13		Galvanized Steel Conduit UNI 7683	3/4"	144 mt
14		Polyproplylene Bushing	3/4"	48
15		Junction Box, Ex-e 150W x 150H x 100D complete with N. 4 terminal blocks 2,5mmq and N. 2 cable entry ø=20,5mm	150 W x 150 H x 100 D	12
16		Nickel Plated Brass, Cable Plug Ex-d/e IIC (or IIB + H2) T1	M25	22

NOTES:

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ELECTRICAL HOOK-UP FOR PRESSURE TRANSMITTERS



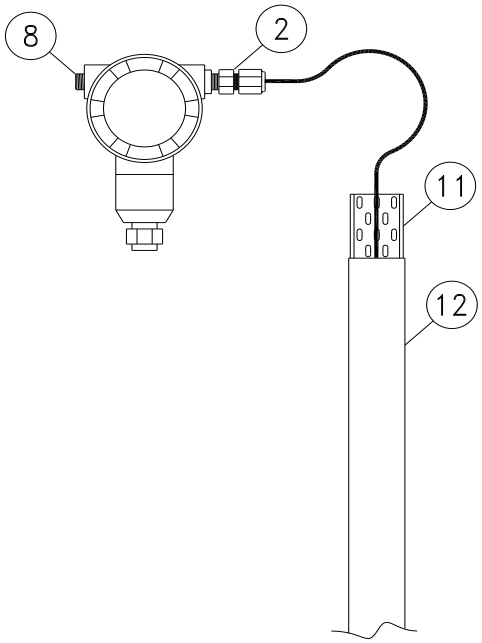
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NOTE:

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	3 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	3 mt
8		Nickel Plated Brass Plug Ex-d/e IIC (or IIB + H2) T1	M20	1
1		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20S	1

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ELECTRICAL HOOK-UP FOR PRESSURE TRANSMITTERS



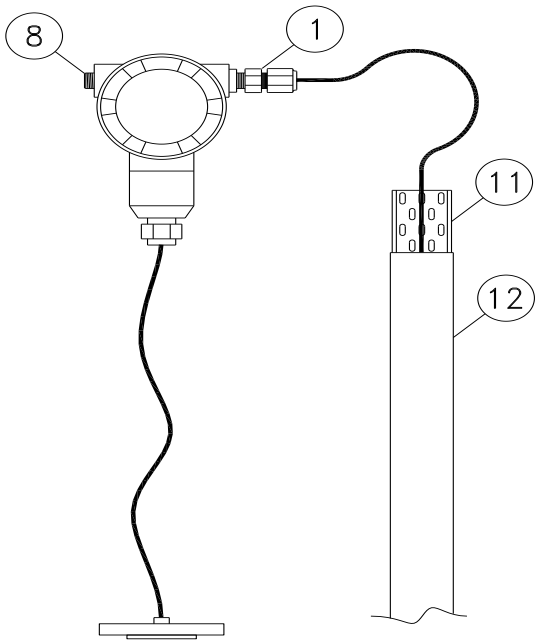
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NOTE:

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	3 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	3 mt
8		Nickel Plated Brass Plug Ex-d/e IIC (or IIB + H2) T1	M20	1
2		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20	1

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ELECTRICAL HOOK-UP FOR PRESSURE TRANSMITTERS (C/W DIAPHRAGM SEAL & CAPILLARY)



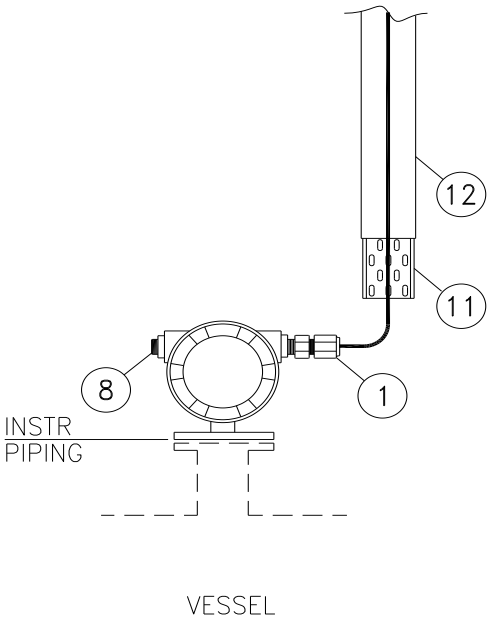
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NOTE:

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	3 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	3 mt
8		Nickel Plated Brass Plug Ex-d/e IIC (or IIB + H2) T1	M20	1
1		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20S	1

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ELECTRICAL HOOK-UP FOR LEVEL TRANSMITTERS (RADAR)



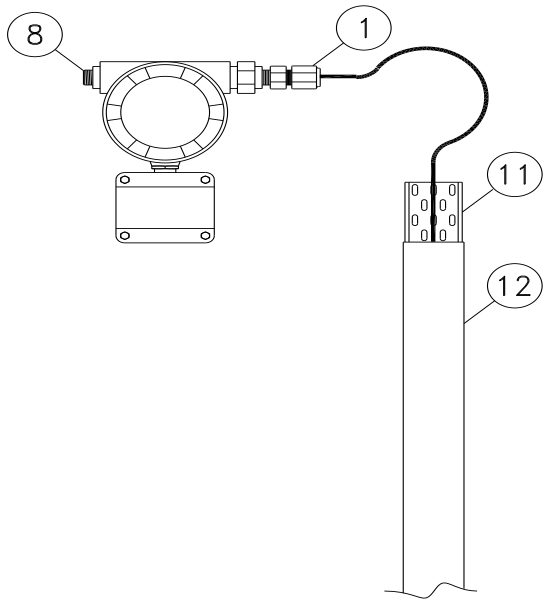
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NOTE:

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	3 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	3 mt
8		Nickel Plated Brass Plug Ex-d/e IIC (or IIB + H2) T1	M20	1
1		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20S	1

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ELECTRICAL HOOK-UP FOR LEVEL TRANSMITTERS (DP TYPE C/W DIAPHRAGM SEAL)



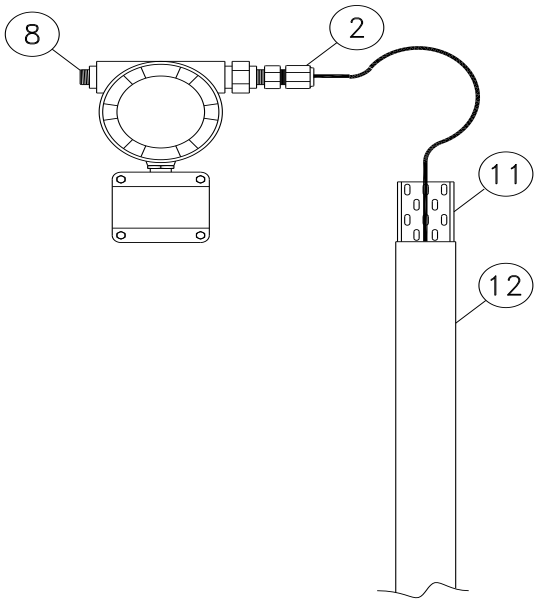
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NOTE:

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	3 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	3 mt
8		Nickel Plated Brass Plug Ex-d/e IIC (or IIB + H2) T1	M20	1
1		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20S	1

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ELECTRICAL HOOK-UP FOR LEVEL TRANSMITTERS (DP TYPE C/W DIAPHRAGM SEAL)



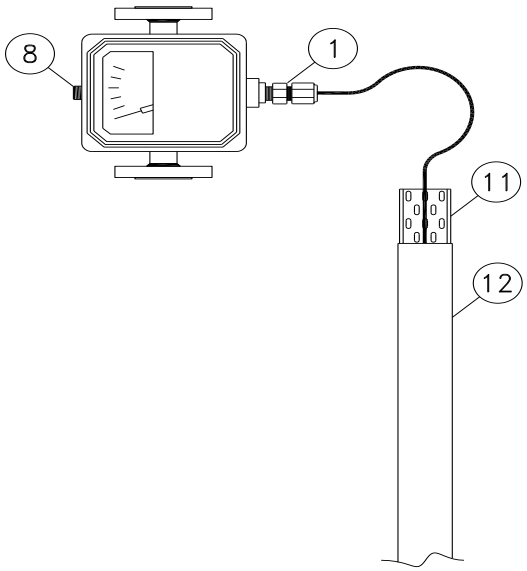
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NOTE:

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	3 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	3 mt
8		Nickel Plated Brass Plug Ex-d/e IIC (or IIB + H2) T1	M20	1
2		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20	1

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ELECTRICAL HOOK-UP FOR FLOW TRANSMITTERS (ROTAMETERS)



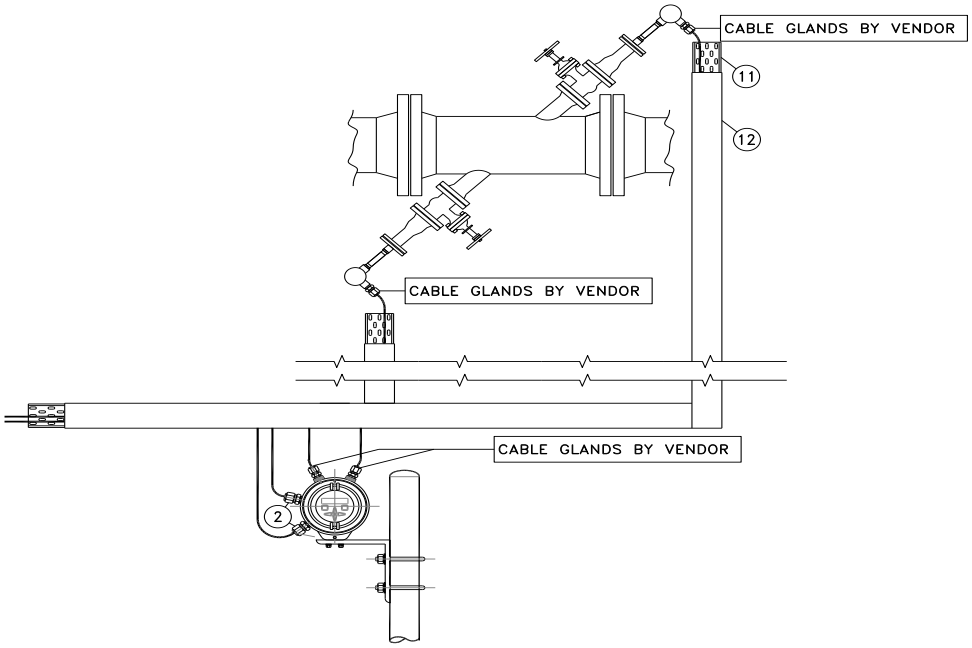
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NOTE:

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	3 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	3 mt
8		Nickel Plated Brass Plug Ex-d/e IIC (or IIB + H2) T1	M20	1
1		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20S	1

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ELECTRICAL HOOK-UP FOR FLOW TRANSMITTERS (ULTRASONIC)



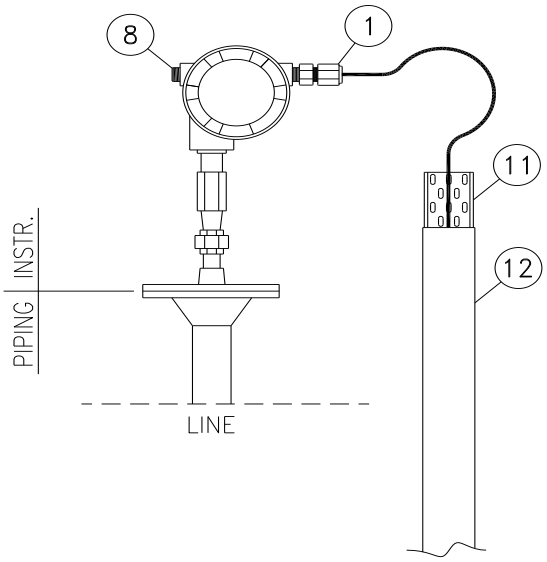
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NOTE:

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	20 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	20 mt
1		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20S	2

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ELECTRICAL HOOK-UP FOR TEMPERATURE TRANSMITTERS



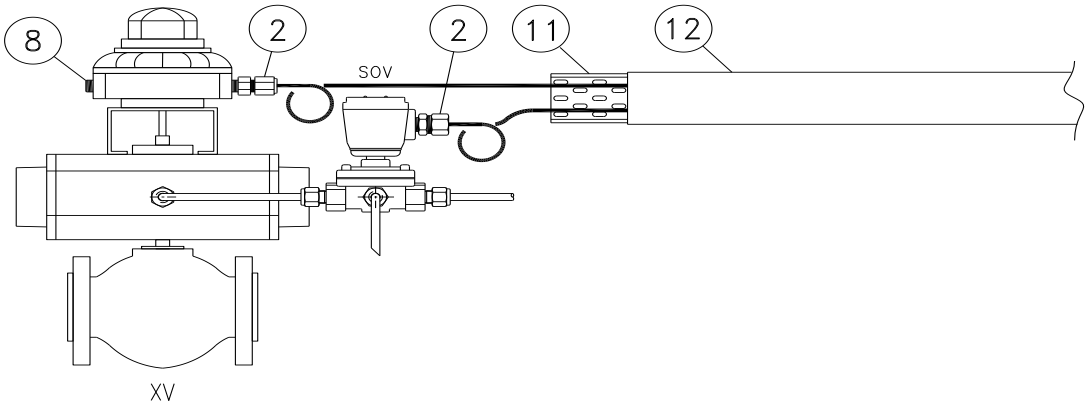
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NOTE:

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	3 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	3 mt
8		Nickel Plated Brass Plug Ex-d/e IIC (or IIB + H2) T1	M20	1
1		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20S	1

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ELECTRICAL HOOK-UP FOR XV (N.1 SOLENOID VALVE + 2 LIMIT SWITCH)



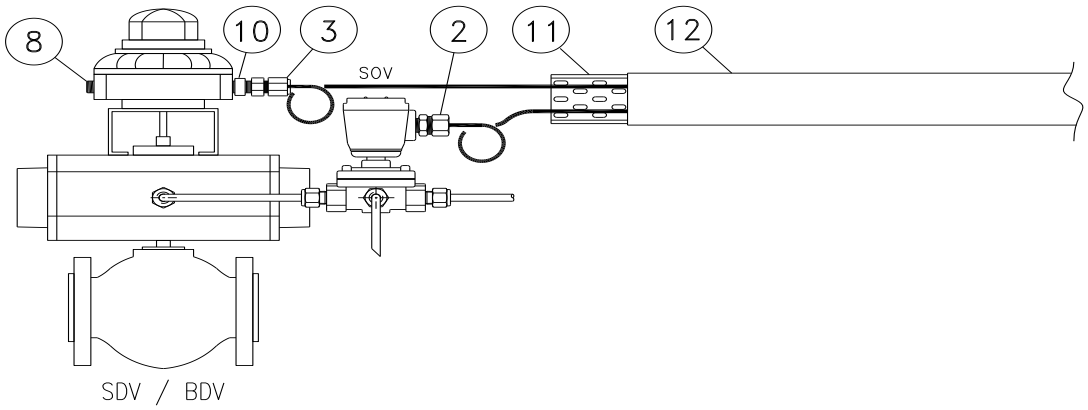
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NOTE:

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	3 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	3 mt
8		Nickel Plated Brass Plug Ex-d/e IIC (or IIB + H2) T1	M20	1
2		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20	2

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ELECTRICAL HOOK-UP FOR SDV/BDV (N.1 SOLENOID VALVE + 2 LIMIT SWITCH)



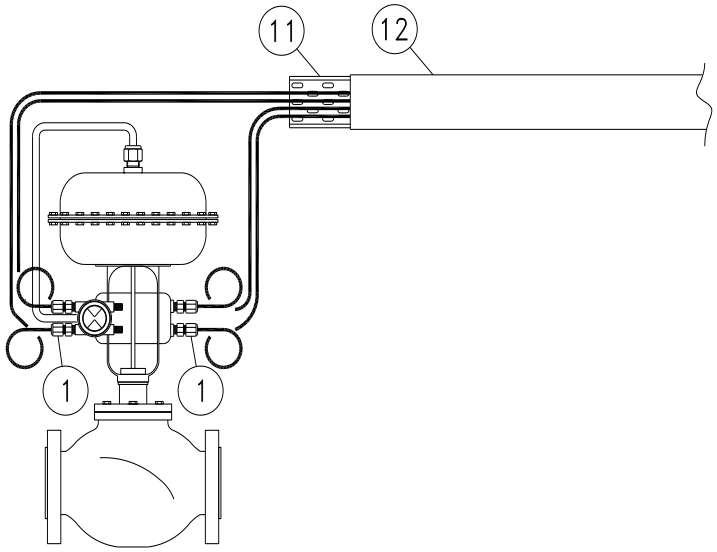
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NOTE:

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	3 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	3 mt
10		Nickel Plated Brass Adaptor Ex-d/e IIC (or IIB + H2) T1	M20 Male x M25 Female	1
8		Nickel Plated Brass Plug Ex-d/e IIC (or IIB + H2) T1	M20	1
3		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M25	1
2		Nickel Plated Brass Plug Ex-d/e IIC (or IIB + H2) T1	M20	1

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ELECTRICAL HOOK-UP FOR CONTROL VALVE (N.1 ELECTROPOS. + N.1 POSITION TRASM.+ 2 LIMIT SWITCH)



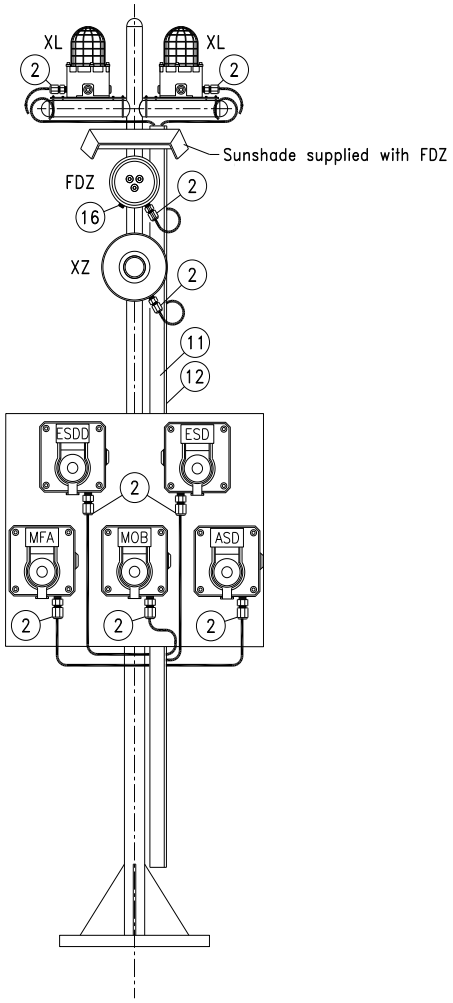
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5	25-FV-036
6	25-FV-038
7	25-PV-035
8	25-PV-037
9	25-PV-040
10	25-PV-043
11	25-PV-046
12	25-PV-049
13	25-PV-055A
14	25-PV-055B
15	64-PV-031A
16	64-PV-031B
17	
18	
19	
20	
21	
22	
23	
24	
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28	
29	
30	

NOTE:

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	3 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	3 mt
1		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20S	4

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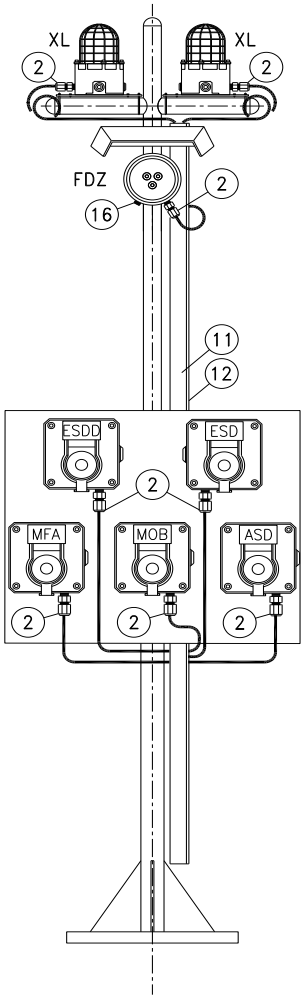
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	950-MFA-04101
	950-MOB-04101
	950-ASD-04101
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	950-XL-06102 (RED)
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	950-XZ-06101
	950-ESDD-06101
	950-ESD-06101
	950-MFA-06101
	950-MOB-06101
	950-ASD-06101

NOTE: Mechanical support is only indicative in this drawing, for real mehanical support refer to Instrument Installation Details doc. n. 123A90-DDL-IN-DD-40017 - Instrument Installation Details

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	3 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	3 mt
16		Nickel Plated Brass Plug Ex-d/e IIC (or IIB + H2) T1	M25	1
2		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20	9

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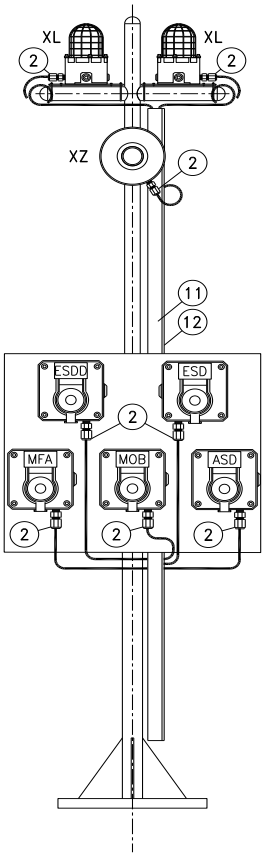
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	950-ASD-03101

NOTE: Mechanical support is only indicative in this drawing, for real mehanical support refer to Instrument Installation Details doc. n. 123A90-DDL-IN-DD-40017 - Instrument Installation Details

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	3 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	3 mt
16		Nickel Plated Brass Plug Ex-d/e IIC (or IIB + H2) T1	M25	1
2		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20	8

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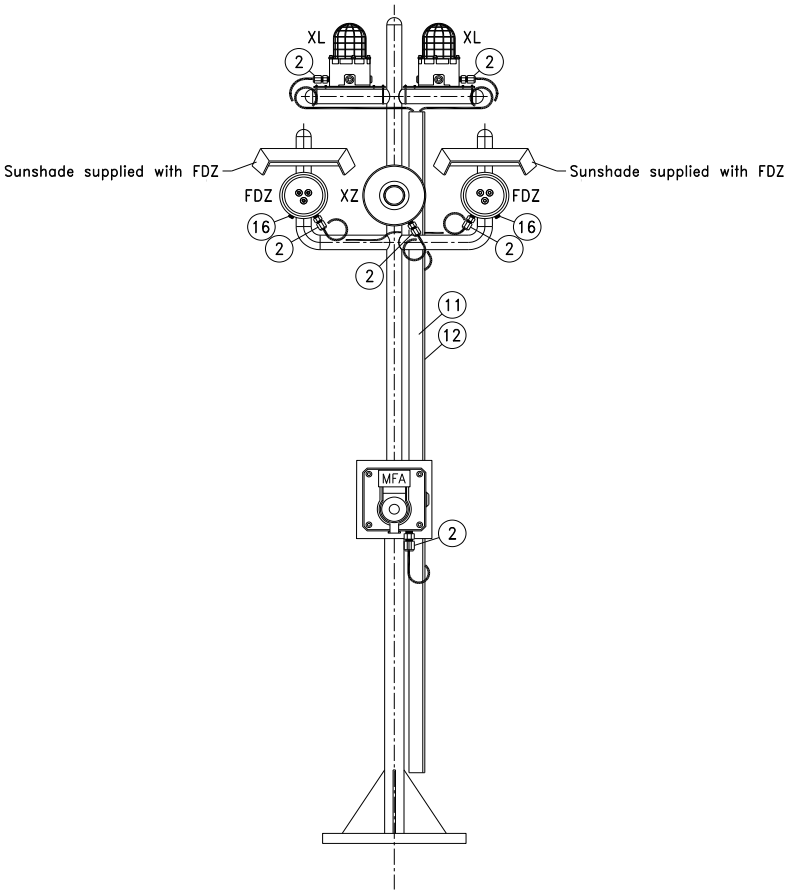
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	950-MOB-04101
	950-ASD-04101
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NOTE: Mechanical support is only indicative in this drawing, for real mehanical support refer to Instrument Installation Details, doc. n. 123A90-DDL-IN-DD-40017 - Instrument Installation Details

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	3 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	3 mt
2		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20	7

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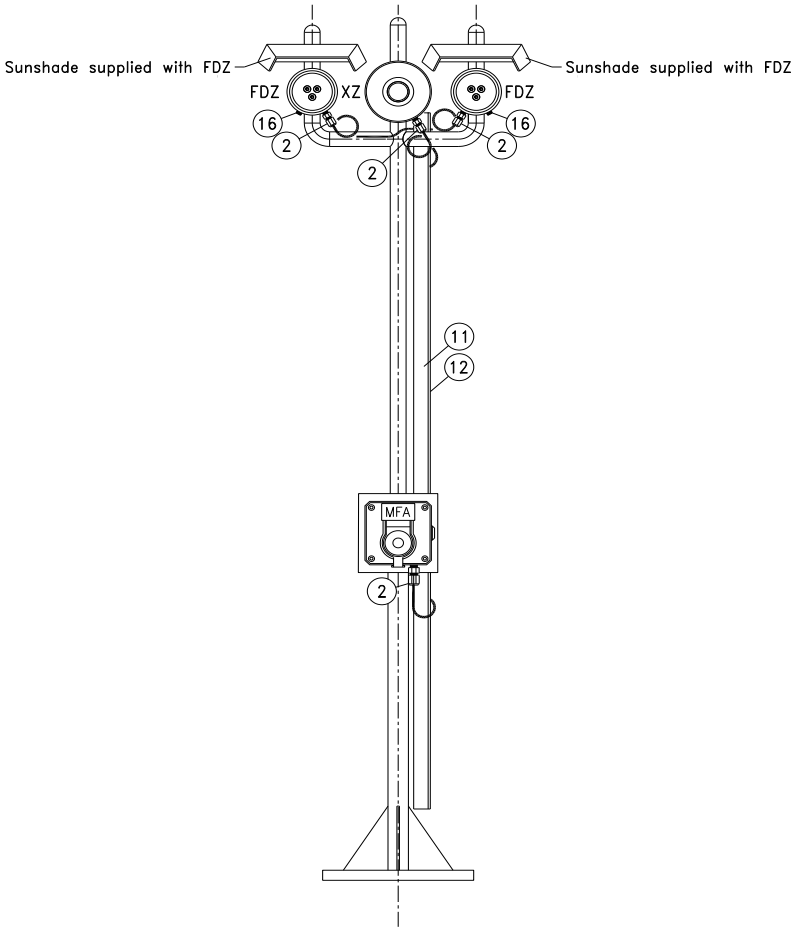
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NOTE: Mechanical support is only indicative in this drawing, for real mehanical support refer to Instrument Installation Details doc. n. 123A90-DDL-IN-DD-40017 - Instrument Installation Details

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	3 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	3 mt
16		Nickel Plated Brass Plug Ex-d/e IIC (or IIB + H2) T1	M25	2
2		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20	6

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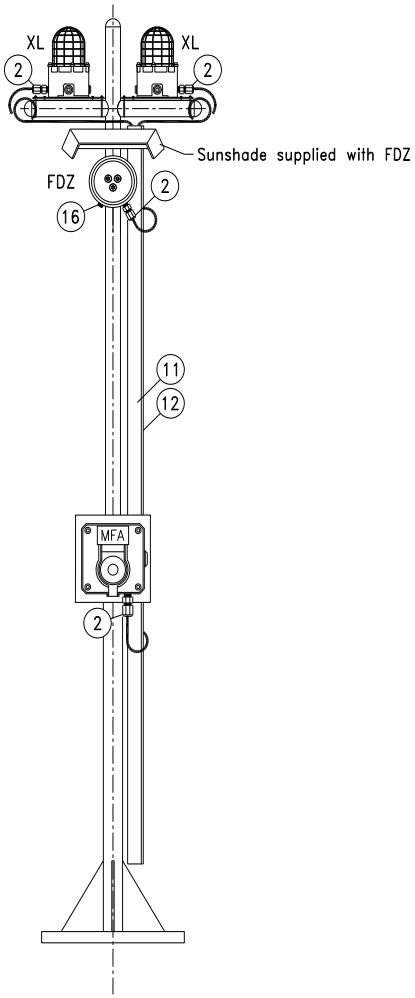
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	950-FDZ-03101
	950-MFA-03102
3	950-FDZ-03103
	950-XZ-03101
	950-FDZ-02104
	950-MFA-03101

NOTE: Mechanical support is only indicative in this drawing, for real mehanical support refer to Instrument Installation Details doc. n. 123A90-DDL-IN-DD-40017 - Instrument Installation Details

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	3 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	3 mt
16		Nickel Plated Brass Plug Ex-d/e IIC (or IIB + H2) T1	M25	2
2		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20	4

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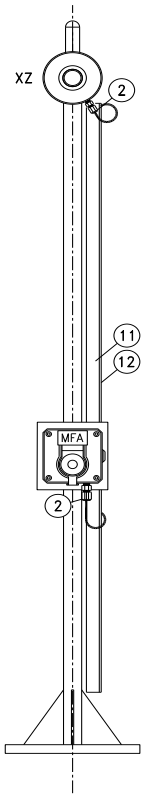
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	950-FDZ-06102
	950-MFA-06102

NOTE: Mechanical support is only indicative in this drawing, for real mehanical support refer to Instrument Installation Details, doc. n. 123A90-DDL-IN-DD-40017 - Instrument Installation Details

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	3 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	3 mt
16		Nickel Plated Brass Plug Ex-d/e IIC (or IIB + H2) T1	M25	1
2		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20	4

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INSTRUMENT TAG	
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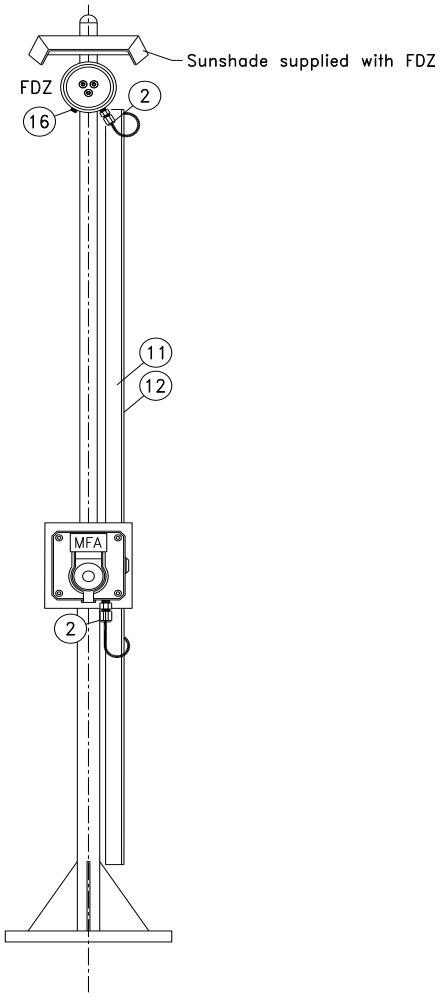
NOTE: Mechanical support is only indicative in this drawing, for real mehanical support refer to Instrument Installation Details, doc. n. 123A90-DDL-IN-DD-40017 - Instrument Installation Details

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	3 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	3 mt
2		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20	2

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INSTRUMENT TAG	
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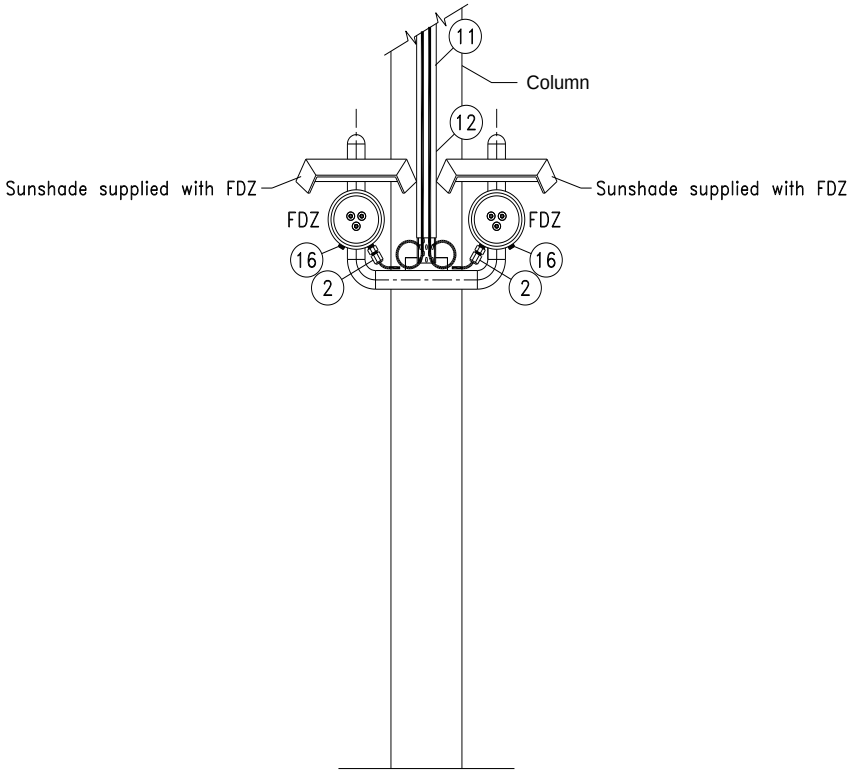


NOTE: Mechanical support is only indicative in this drawing, for real mehanical support refer to Instrument Installation Details, doc. n. 123A90-DDL-IN-DD-40017 - Instrument Installation Details

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	3 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	3 mt
16		Nickel Plated Brass Plug Ex-d/e IIC (or IIB + H2) T1	M25	1
2		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20	2

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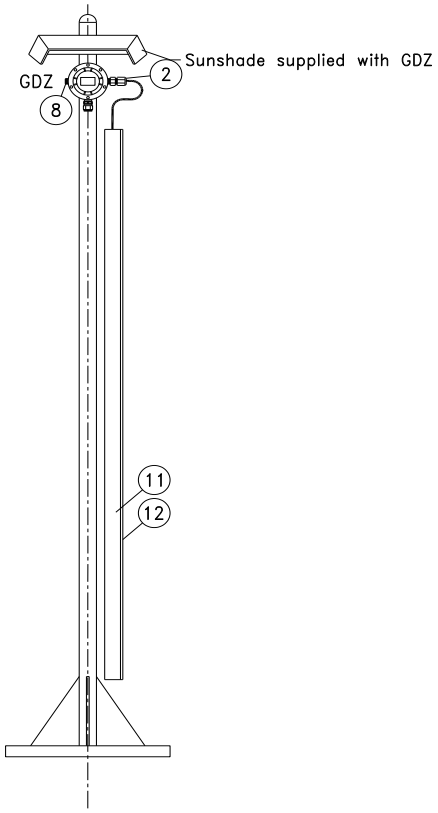
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4	950-FDZ-05104
	950-FDZ-06103

NOTE: Mechanical support is only indicative in this drawing, for real mehanical support refer to Instrument Installation Details, doc. n. 123A90-DDL-IN-DD-40017 - Instrument Installation Details

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	3 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	3 mt
16		Nickel Plated Brass Plug Ex-d/e IIC (or IIB + H2) T1	M25	2
2		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20	2

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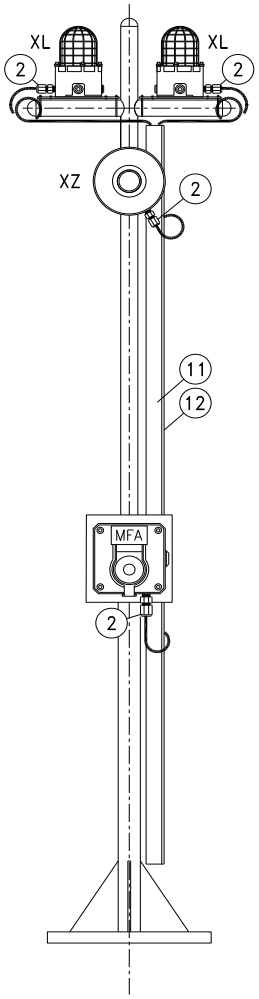
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13	950-GDZ-03107
14	950-GDZ-03108
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16	950-GDZ-02117

NOTE: Mechanical support is only indicative in this drawing, for real mehanical support refer to Instrument Installation Details, doc. n. 123A90-DDL-IN-DD-40017 - Instrument Installation Details

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	3 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	3 mt
8		Nickel Plated Brass Plug Ex-d/e IIC (or IIB + H2) T1	M20	1
2		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20	1

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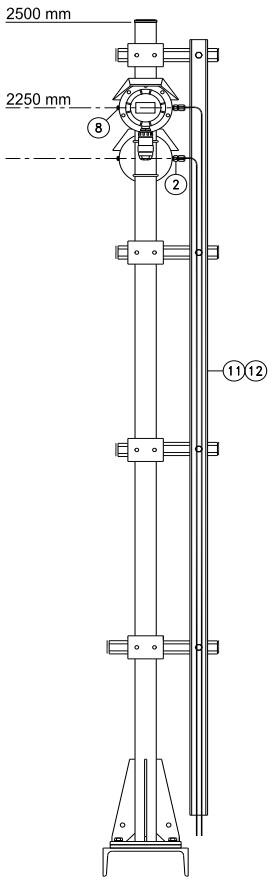
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NOTE: Mechanical support is only indicative in this drawing, for real mehanical support refer to Instrument Installation Details, doc. n. 123A90-DDL-IN-DD-40017 - Instrument Installation Details

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	3 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	3 mt
2		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20	4

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INSTRUMENT TAG	
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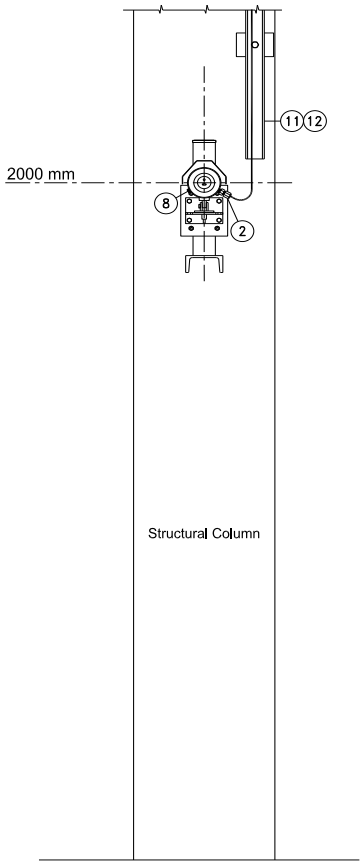
NOTE:

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	3 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	3 mt
8		Nickel Plated Brass Plug Ex-d/e IIC (or IIB + H2) T1	M20	2
2		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20	2

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INSTRUMENT TAG	
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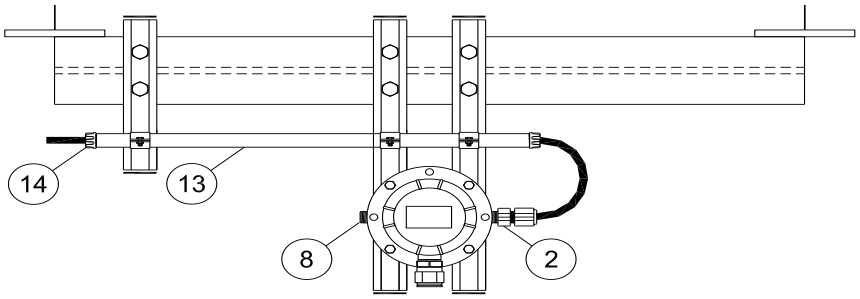
NOTE:

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	3 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	3 mt
8		Nickel Plated Brass Plug Ex-d/e IIC (or IIB + H2) T1	M20	1
2		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20	1

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INSTRUMENT TAG	
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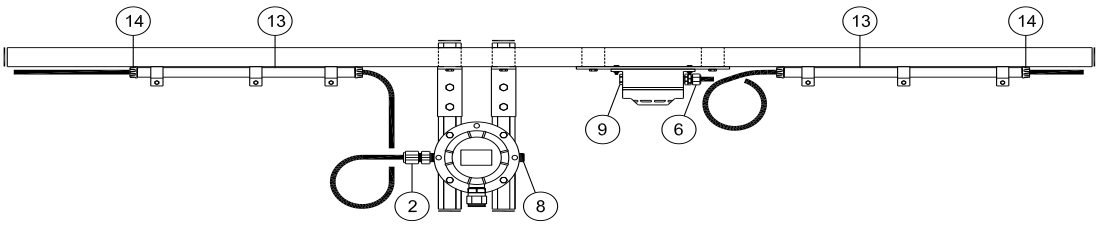


NOTE:

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
14		Polyproplylene Bushing	3/4"	4
13		Galvanized Steel Conduit UNI 7683	3/4"	12 mt
8		Nickel Plated Brass Plug Ex-d/e IIC (or IIB + H2) T1	M20	1
2		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20	1

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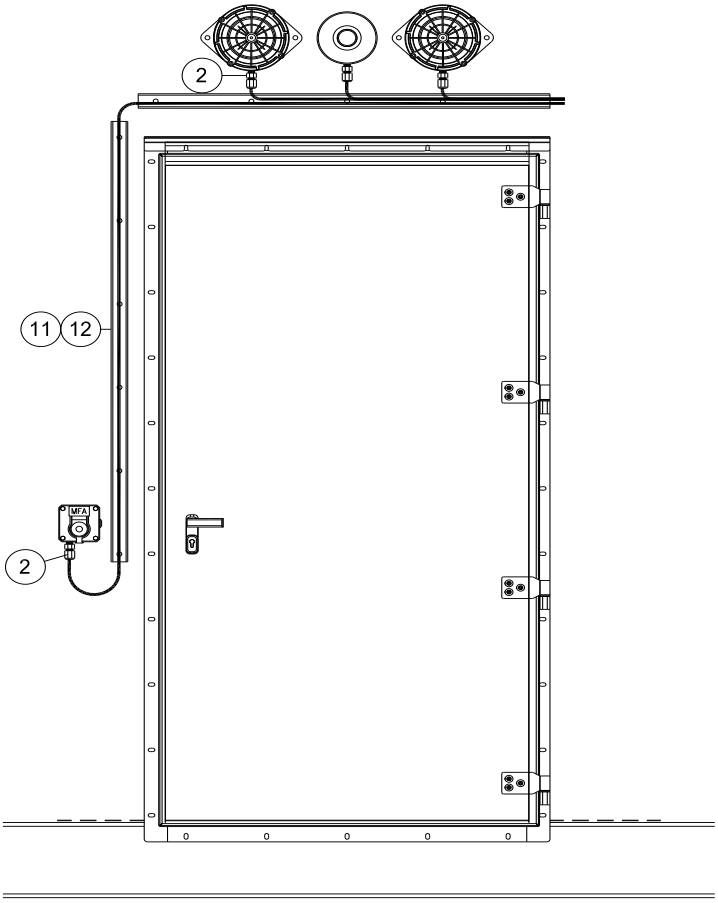
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NOTE:

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
14		Polyproplylene Bushing	3/4"	4
13		Galvanized Steel Conduit UNI 7683	3/4"	6 mt
9		Nickel Plated Brass, Plug Ex-i IIC (or IIB + H2) T1	M20	1
8		Nickel Plated Brass Plug Ex-d/e IIC (or IIB + H2) T1	M20	1
6		Double Compression, Nickel Plated Brass, Cable Gland Ex-i IIC (or IIB + H2) T1	M20	1
2		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20	1

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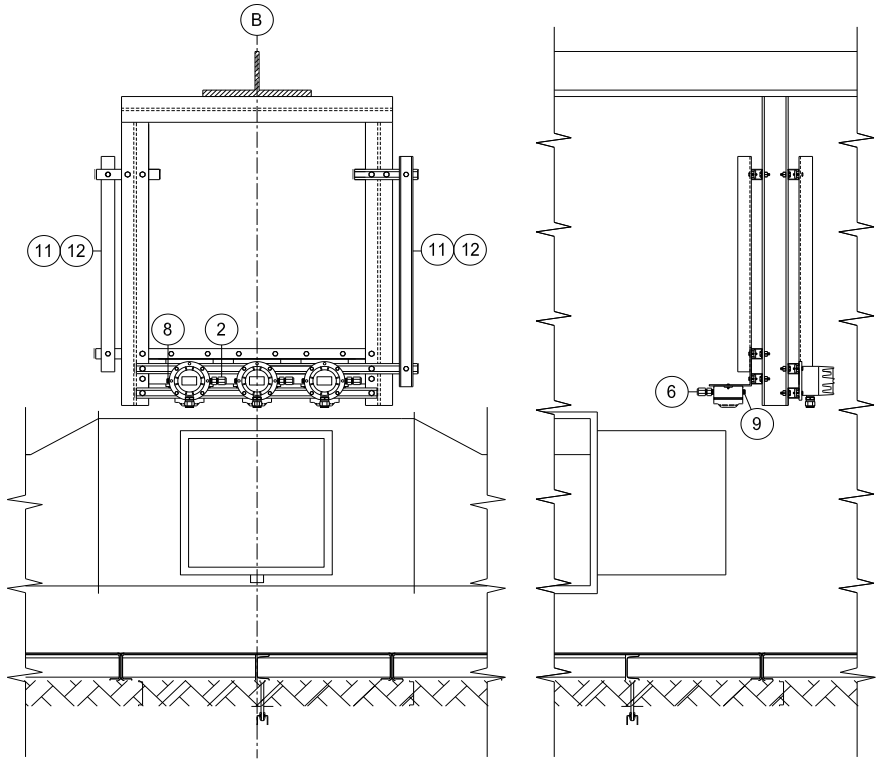
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	950-XL-04204
	950-XZ-04202
4	950-MFA-04201
	950-XL-04201
	950-XL-04202
	950-XZ-04201

NOTE:

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	6 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	6 mt
2		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20	4

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ELECTRICAL HOOK-UP FOR FIRE & GAS DEVICES



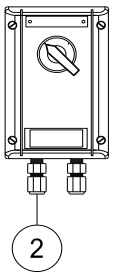
INSTRUMENT TAG	
1	950-SDZ-06201
	950-SDZ-06202
	950-SDZ-06203
	950-GDZ-06201
	950-GDZ-06202
	950-GDZ-06203
2	950-SDZ-04213
	950-SDZ-04214
	950-SDZ-04215
	950-GDZ-04213
	950-GDZ-04214
	950-GDZ-04215
3	950-SDZ-04207
	950-SDZ-04208
	950-SDZ-04209
	950-GDZ-04207
	950-GDZ-04208
	950-GDZ-04209
4	950-SDZ-04201
	950-SDZ-04202
	950-SDZ-04203
	950-GDZ-04201
	950-GDZ-04202
	950-GDZ-04203

NOTE:

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	12 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	12 mt
9		Nickel Plated Brass, Plug Ex-i IIC (or IIB + H2) T1	M20	3
8		Nickel Plated Brass Plug Ex-d/e IIC (or IIB + H2) T1	M20	3
6		Double Compression, Nickel Plated Brass, Cable Gland Ex-i IIC (or IIB + H2) T1	M20	3
2		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20	3

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ELECTRICAL HOOK-UP FOR HAND SWITCH TEST OF THE DAMPERS

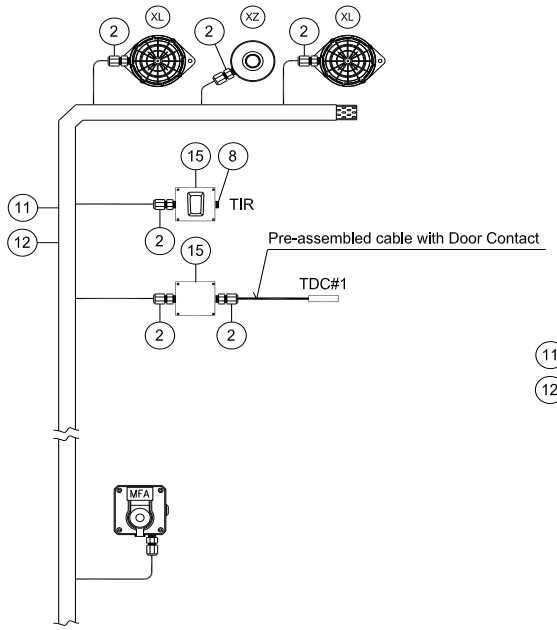


	INSTRUMENT TAG
1	77-HS-001A
2	77-HS-001B
3	77-HS-002A
4	77-HS-002B
5	77-HS-003A
6	77-HS-003B
7	77-HS-004A
8	77-HS-004B
9	77-HS-005A
10	77-HS-005B
11	77-HS-006A
12	77-HS-006B
13	77-HS-007A
14	77-HS-007B
15	77-HS-008A
16	77-HS-008B
17	77-HS-009A
18	77-HS-009B
19	77-HS-010A
20	77-HS-010B
21	77-HS-011A
22	77-HS-011B
23	77-HS-012A
24	77-HS-012B
25	77-HS-013A
26	77-HS-013B
27	77-HS-014A
28	77-HS-014B
29	77-HS-015A
30	77-HS-015B
31	77-HS-016A
32	77-HS-016B

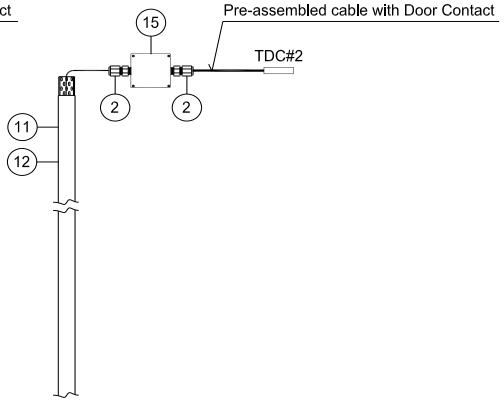
POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
2		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20	2

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ELECTRICAL HOOK-UP FOR ACCESS CONTROL SYSTEM DEVICES



EMERGENCY DOOR



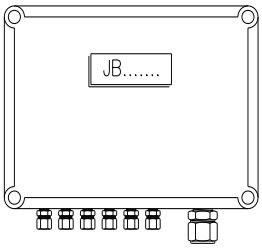
MAIN DOOR

INSTRUMENT TAG	
1	950-MFA-06201
	950-XL-06201
	950-XL-06202
	950-XZ-06201
	B100-TDC-001
	B100-TDC-002
	B100-TIR-001
2	950-MFA-04203
	950-XL-04205
	950-XL-04206
	950-XZ-04203
	B200-TDC-001
	B200-TDC-002
	B200-TIR-001
3	950-MFA-04202
	950-XL-04203
	950-XL-04204
	950-XZ-04202
	B300-TDC-001
	B300-TDC-002
	B300-TIR-001
4	950-MFA-04201
	950-XL-04201
	950-XL-04202
	950-XZ-04201
	B400-TDC-001
	B400-TDC-002
	B400-TIR-001

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY
15		Junction Box, Ex-e 150W x 150H x 100D complete with N. 4 terminal blocks 2,5mmq and N. 2 cable entry ø=20,5mm	150 W x 150 H x 100 D	3
12		Cover for cable tray, FRP, Grey Color	50 W x 10 H x 5 THK	9 mt
11		Perforated cable tray, FRP, Grey Color	50 W x 50 H x 5 THK	9 mt
8		Nickel Plated Brass, Cable Plug Ex-d/e IIC (or IIB + H2) T1	M20	1
2		Nickel Plated Brass Double Compression Cable Gland Ex-d/e IIC (or IIB + H2) T1	M20	9

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ELECTRICAL HOOK-UP FOR JUNCTION BOXES



Ex-d Junction Boxes							
TAGNAME	ENTRIES	POSITION (CABLE GLANDS)					PLUGS
		1	2	3	4	5	7
		M20S	M20	M25	M32	M50	M20
00-JE-11001	26	18		2			6
00-JE-11002	13	10		1			2
00-JE-11003	26	19		2			5
00-JE-11004	13	9		1			3
00-JE-11005	7	3		1			3
00-JE-12001	26	8	6	2			10
00-JE-12002	7	4		1			2
00-JE-12003	7	4	1	1			1
00-JE-12004	26	8	6	2			10
00-JE-12005	13	4	1	1			7
00-JE-12006	26	4	4	2			16
00-JE-13001	13		8		1		4
00-JE-13002	13		7		1		5
00-JE-13003	7		4	1			2
00-JE-21001	13		6		1		6
00-JE-22001	26		8	6	2		10
00-JE-22002	26		12	4	2		8
00-JE-23001	13		6		1		6
00-JE-23002	7		4	1			2
950-JE-01101	7		4		1		2
950-JE-01102	7		3		1		3
950-JE-01103	7		3	1			3
950-JE-01104	7		4	1			2
950-JE-02101	13		10			1	2
950-JE-02102	13		10			1	2
950-JE-02103	7		4		1		2
950-JE-02104	7		3	1			3
950-JE-03101	13		7			1	5
950-JE-03102	7		5		1		1
950-JE-03103	7		4	1			2
950-JE-03104	7		6	1			0
950-JE-04101	7		4		1		2
950-JE-04102	7		2	1			4
950-JE-04103	7		6	1			0
950-JE-04201	7		6		1		0
950-JE-04203	7		6	1			0
950-JE-04205	7		6		1		0

Ex-d Junction Boxes							
TAGNAME	ENTRIES	POSITION (CABLE GLANDS)					PLUGS
		1	2	3	4	5	7
		M20S	M20	M25	M32	M50	M20
950-JE-04207	13		8		1		4
950-JE-05101	13		10			1	2
950-JE-05102	7		4	1			2
950-JE-05103	7		4	1			2
950-JE-05104	7		3	1			3
950-JE-06101	7		2		1		4
950-JE-06102	7		2	1			4
950-JE-06103	7		5	1			1
950-JE-06201	7		6		1		0
950-JE-06203	7		6	1			0
950-JE-07101	7		3	1			3
TOTALS		91	219	43	18	4	166

Ex-i Junction Boxes							
TAGNAME	ENTRIES	POSITION (CABLE GLANDS)					PLUGS
			6	7			9
		M20S	M20	M25	M32	M50	M20
950-JE-04204	7		6	1			0
950-JE-04208	7		6	1			0
950-JE-06204	7		6	1			0

TOTALS		0	18	3	0	0	0

POS.	NORM/STD CODE	DESCRIPTION	SIZE/ CONNECTION TYPE	Q.TY

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