



INSTRUMENTATION CABLE LIST (MCP-01 & 02)
SRS ENGINEERING CORP.
 CLIENT: ----
 PROJECT: ----

Doc No: ----
 Revision: **A**
 Date: ----
 Page: **1**

Cable No.	Source (from)	Destination (To)	Cond./Pairs , Size	Cable Length	Supplied By	Remarks
I.S. / N.I.S./Ex-proof	Field Instrument	MCP/Junction Box	Type/Color	Feets	Installed By	
	Ref. P&ID					
MCP-02-C1 Ex-Proof	MCP-02	MCP-01	4 CORE 16 AWG Flexible/Blue	15	SRS SRS	Digital Input, 24 V DC (PRT-MA-105,PRT-MA-106)
MCP-02-C2 Ex-Proof	MCP-02	MCP-01	4 CORE 16 AWG Flexible/Blue	15	SRS SRS	Digital Input, 24 V DC(SRX-MA-301,SRX-MA-302)
MCP-02-C3 Ex-Proof	MCP-02	MCP-01	4 CORE 16 AWG Flexible/Blue	15	SRS SRS	Digital Input, 24 V DC(SRX-MA-303,SRX-MA-101)
MCP-02-C4 Ex-Proof	MCP-02	MCP-01	4 CORE, 16 AWG Flexible/Blue	15	SRS SRS	Digital Input, 24 V DC(SRX-MA-102,SRX-MA-103)
MCP-02-C5 Ex-Proof	MCP-02	MCP-01	4 CORE, 16 AWG Flexible/Blue	15	SRS SRS	Digital Input, 24 V DC (SRX-MA-201,SRX-MA-202)
MCP-02-C6 Ex-Proof	MCP-02	MCP-01	4 CORE, 16 AWG Flexible/Blue	15	SRS SRS	Digital Input, 24 V DC(SRX-MA-203,SRX-MA-204)
MCP-02-C7 Ex-Proof	MCP-02	MCP-01	4 CORE, 16 AWG Flexible/Blue	15	SRS SRS	Digital Input, 24 V DC (GDU-MA-201,GDU-MA-202)
MCP-02-C8 Ex-Proof	MCP-02	MCP-01	4 CORE, 16 AWG Flexible/Blue	15	SRS SRS	Digital Input, 24 V DC (PRT-MA-110,GDU-MA-203)

Notes

- 1 Intrinsic Safe Cables & Power Cables shall meet requirements of Hazardous area classification as per NEC Class 1, Div. 2, Groups C, D.
- 2 Intrinsic Safe Cables shall be Blue color, shielded and have IS Certification
- 3 Junction Boxes will be supplied by SRS and installed by Contractors.
- 4 Cables shall be supplied & installed by Contractors
- 5 Gland sizes shall be selected by contractor according to cable sizes.
- 6 Preferred make of cables is Belden or equivalent and preferred make of conduits, glands, fittings, sealants is Appleton or equivalent.
- 7 Ex-proof Cables and IS Cables shall be routed separately as per NEC 500 requirements.
- 8 Ex-proof Cables will be routed through individual Ex-proof rigid Conduits. Contractor to select conduits, glands, fittings, sealants to meet requirements of hazardous area classification as per NEC Class 1, Div. 2, Groups C, D.
- 9 Refer Junction Box Layout for locations of Junction Boxes, Control Panel & Cable Rack
- 10 Cable Lengths shown are approximate and may vary.