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|   Gachsaran Polymer Industries Company PIDMCO | Gachsaran Polymer Industries Company HDPE Plant | |  | |
| | Instrument Cable List for Refrigerator Package | |   | |
| PO No.: GPIC-PT-MA-PO-000-3029 | Document Number: VD-GPIC-MA-3029-3029-0052 | | Rev. 01 | Page 1 of 7 |

Instrument Cable List for Refrigerator Package

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| Code1 | <input type="checkbox"/> No Comment/ Approved (Applicable Only for "FOR REVIEW" and "For Approval" Documents) No comment and the document are released for Manufacturing. |
| Code2 | <input type="checkbox"/> No Comment/ Approved with Note(s) Vendor/Sub-Contractor shall correct, revise and resubmit the document. The document is released for Manufacturing if changes incorporated. |
| Code3 | <input checked="" type="checkbox"/> Commented Vendor/Sub-Contractor shall correct, revise and resubmit the document by the date specified. The document shall be revised under the Status of "R: Revised Issue". All corrected documents shall be resubmitted before starting the Manufacturing Process. |
| Code 4 | <input type="checkbox"/> Not Accepted (Rejected) Vendor/Sub-Contractor shall re-work / re-design / re-specify the contents of the document according to the comments / reasons for rejection. All corrected documents shall be resubmitted before starting the manufacturing. Vendor/Sub-Contractor shall not proceed with subsequent works of Material Supply or Manufacturing until receiving Code1/Code2 or No Code from PURCHASER. Vendor/Sub-Contractor shall resubmit the document with the same revision within 6 working days after receiving comments. |
| No code | <input type="checkbox"/> No Code (Applicable Only for "For Information" Documents and "As Built DWGs") Document has been submitted for PURCHASER's Information (FI). Consistency, completeness and correctness of document content is in Vendor/Sub-Contractor's responsibility. |

Above checking results by EIED shall in no way relieve Vendor of any liability, obligation and responsibility out of the purchase order and the mutual agreement in writing.

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|  Energy Industries Engineering & Design co. | Date: April. 08, 2026 Dept.: MA Signature: F.Hamooni |
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| 01 | 22-Feb-26 | IFR | R.G | F.T | A.M |
| 00 | 20-Jan-26 | IFR | R.G | F.T | A.M |
| Rev. | DATE | PURPOSE OF ISSUE | PREPARED | CHECKED | APPROVED |



Gachsaran Polymer Industries Company
HDPE Plant
Instrument Cable List for Refrigerator Package

Vendor Reply:
Noted



Document Number

Rev.

Add: "+20% spare"

PO No. GPIC-PT-MA-PO-000-3029

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01

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Vendor Reply: Noted

ESSOR C-6101A/B

| No. | Service | Tag No. | Content of signal | SIGNAL Type | IS/NIS | Cable type | Cable size | Gland size | Cable Tag. | From | To | Length (Meter) | Remarks |
|-----|---|-----------|--------------------|-------------|--------|------------|------------------------------|------------|------------------|------------------------------------|------------|----------------|---|
| 1 | Compressor A Suction pressure transmitter | PT-61111 | 4 to 20mA / 2-wire | Analogue | IS | Type 1 | 01Px1.5mm ² | M20 | PT-61111 | PT-61111 | JB-UIA-611 | 10 | |
| 2 | Common Discharge pressure transmitter | PT-61131 | 4 to 20mA / 2-wire | Analogue | IS | Type 1 | 01Px1.5mm ² | M20 | PT-61131 | PT-61131 | JB-UIA-611 | 10 | |
| 3 | Oil Supply- Compressor A pressure transmitter | PT-61113 | 4 to 20mA / 2-wire | Analogue | IS | Type 1 | 01Px1.5mm ² | M20 | PT-61113 | PT-61113 | JB-UIA-611 | 10 | |
| 4 | Upstream oil filter pressure transmitter | PT-61133 | 4 to 20mA / 2-wire | Analogue | IS | Type 1 | 01Px1.5mm ² | M20 | PT-61133 | PT-61133 | JB-UIA-611 | 10 | |
| 5 | Coalescer Outlet pressure transmitter | PT-61132 | 4 to 20mA / 2-wire | Analogue | IS | Type 1 | 01Px1.5mm ² | M20 | PT-61132 | PT-61132 | JB-UIA-611 | 10 | |
| 6 | Downstream oil filter pressure transmitter | PT-61134 | 4 to 20mA / 2-wire | Analogue | IS | Type 1 | 01Px1.5mm ² | M20 | PT-61134 | PT-61134 | JB-UIA-611 | 10 | |
| 7 | Compressor A Suction temperature transmitter | TT-61111 | 4 to 20mA / 2-wire | Analogue | IS | Type 1 | 01Px1.5mm ² | M20 | TT-61111 | TT-61111 | JB-UIA-611 | 10 | |
| 8 | Oil Separator temperature transmitter | TT-61131 | 4 to 20mA / 2-wire | Analogue | IS | Type 1 | 01Px1.5mm ² | M20 | TT-61131 | TT-61131 | JB-UIA-611 | 10 | |
| 9 | Oil header compressor temperature transmitter | TT-61132 | 4 to 20mA / 2-wire | Analogue | IS | Type 1 | 01Px1.5mm ² | M20 | TT-61132 | TT-61132 | JB-UIA-611 | 10 | |
| 10 | Oil Separator level transmitter | LT-61131 | 4 to 20mA / 2-wire | Analogue | IS | Type 1 | 01Px1.5mm ² | M20 | LT-61131 | LT-61131 | JB-UIA-611 | 10 | |
| 11 | Compressor A slide valve position transmitter | ZE-61111 | 4 to 20mA / 2-wire | Analogue | IS | Type 1 | 01Px1.5mm ² | M20 | ZE-61111 | ZE-61111 | JB-UIA-611 | 10 | |
| 12 | Multi cable for JB-UIA-611 -#1 | | | | IS | By Client | 19x2x1 mm ² | By Client | JB-UIA-611-1-UCP | JB-UIA-611 | UCP-6101 | 400 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 13 | Compressor B Suction pressure transmitter | PT-61121 | 4 to 20mA / 2-wire | Analogue | IS | Type 1 | 01Px1.5mm ² | M20 | PT-61121 | PT-61121 | JB-UIA-621 | 10 | |
| 14 | Oil Supply- Compressor B pressure transmitter | PT-61123 | 4 to 20mA / 2-wire | Analogue | IS | Type 1 | 01Px1.5mm ² | M20 | PT-61123 | PT-61123 | JB-UIA-621 | 10 | |
| 15 | Compressor B Suction temperature transmitter | TT-61121 | 4 to 20mA / 2-wire | Analogue | IS | Type 1 | 01Px1.5mm ² | M20 | TT-61121 | TT-61121 | JB-UIA-621 | 10 | |
| 16 | Compressor B slide valve position transmitter | ZE-61121 | 4 to 20mA / 2-wire | Analogue | IS | Type 1 | 01Px1.5mm ² | M20 | ZE-61121 | ZE-61121 | JB-UIA-621 | 10 | |
| 17 | Multi cable for JB-UIA-621 -#1 | | | | IS | By Client | 7x2x1 mm ² | By Client | JB-UIA-621-1-UCP | JB-UIA-621 | UCP-6101 | 400 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 18 | ECONOMIZER TUBESIDE TEMPERATURE | TT-61141 | 4 to 20mA / 2-wire | Analogue | IS | Type 1 | 01Px1.5mm ² | M20 | TT-61141 | TT-61141 | JB-UIA-641 | 10 | |
| 19 | ECONOMIZER TUBESIDE PRESSURE | PT-61141 | 4 to 20mA / 2-wire | Analogue | IS | Type 1 | 01Px1.5mm ² | M20 | PT-61141 | PT-61141 | JB-UIA-641 | 10 | |
| 20 | Chiller level transmitter | LT-61151 | 4 to 20mA / 2-wire | Analogue | IS | Type 1 | 01Px1.5mm ² | M20 | LT-61151 | LT-61151 | JB-UIA-641 | 10 | |
| 21 | Chiller level control valve | LV-61151 | 4 to 20mA / 2-wire | Analogue | IS | Type 1 | 01Px1.5mm ² | M20 | LV-61151 | LV-61151 | JB-UIA-641 | 10 | |
| 22 | Hot Gas Bypass control valve | PV-61151 | 4 to 20mA / 2-wire | Analogue | IS | Type 1 | 01Px1.5mm ² | M20 | PV-61151 | PV-61151 | JB-UIA-641 | 10 | |
| 23 | ECONOMIZER TEMPERATURE | TV-61141 | 4 to 20mA / 2-wire | Analogue | IS | Type 1 | 01Px1.5mm ² | M20 | TV-61141 | TV-61141 | JB-UIA-641 | 10 | |
| 24 | Multi cable for JB-UIA-641 | | | | IS | By Client | 7x2x1 mm ² | By Client | JB-UIA-641-1-UCP | JB-UIA-641 | UCP-6101 | 400 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 25 | COMPRESSOR A- SLIDE VALVE 100% | ZSH-61111 | 24Vdc / **V | Digital | IS | Type 3 | 02Px1.5mm ² /Pr-1 | M20 | ZSH-61111 | ZSH-61111 | JB-UIA-611 | 10 | Pair 1 |
| 26 | COMPRESSOR A- SLIDE VALVE 0% | ZSL-61111 | 24Vdc / **V | Digital | IS | Type 3 | 02Px1.5mm ² /Pr-2 | M20 | ZSL-61111 | ZSL-61111 | JB-UIA-611 | 10 | Pair 2 |
| 27 | Multi cable for JB-UIA-611 -#2 | | 24Vdc / **V | Digital | IS | By Client | 2x2x1.5 mm ² | By Client | A-SLIDEVALVE-UCP | A-Slide valve Potentiometer switch | UCP-6101 | 400 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 28 | COMPRESSOR B- SLIDE VALVE 100% | ZSH-61121 | 24Vdc / **V | Digital | IS | Type 3 | 02Px1.5mm ² /Pr-1 | M20 | ZSH-61121 | ZSH-61121 | JB-UIA-621 | 10 | Pair 1 |
| 29 | COMPRESSOR B- SLIDE VALVE 0% | ZSL-61121 | 24Vdc / **V | Digital | IS | Type 3 | 02Px1.5mm ² /Pr-2 | M20 | ZSL-61121 | ZSL-61121 | JB-UIA-621 | 10 | Pair 2 |
| 30 | Multi cable for JB-UIA-621 -#2 | | 24Vdc / **V | Digital | IS | By Client | 2x2x1.5 mm ² | By Client | B-SLIDEVALVE-UCP | B-Slide valve Potentiometer switch | UCP-6101 | 400 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 31 | COMPRESSOR A- SLIDE VALVE UNLOAD SOV | XY-61111 | 24Vdc / **W | Digital | NIS | Type 2 | 01Px2.5mm ² | M20 | XY-61111 | XY-61111 | JB-UEV-612 | 10 | |
| 32 | COMPRESSOR A- SLIDE VALVE LOAD SOV | XY-61112 | 24Vdc / **W | Digital | NIS | Type 2 | 01Px2.5mm ² | M20 | XY-61112 | XY-61112 | JB-UEV-612 | 10 | |
| 33 | Multi cable for JB-UEV-612 | | 24Vdc / **W | Digital | NIS | By Client | 4x2x2.5 mm ² | By Client | JB-UEV-612-1-UCP | JB-UEV-612 | UCP-6101 | 400 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 34 | COMPRESSOR B- SLIDE VALVE UNLOAD SOV | XY-61121 | 24Vdc / **W | Digital | NIS | Type 2 | 01Px2.5mm ² | M20 | XY-61121 | XY-61121 | JB-UEV-622 | 10 | |
| 35 | COMPRESSOR B- SLIDE VALVE LOAD SOV | XY-61122 | 24Vdc / **W | Digital | NIS | Type 2 | 01Px2.5mm ² | M20 | XY-61122 | XY-61122 | JB-UEV-622 | 10 | |
| 36 | Multi cable for JB-UEV-622 | | 24Vdc / **W | Digital | NIS | By Client | 4x2x2.5 mm ² | By Client | JB-UEV-622-1-UCP | JB-UEV-622 | UCP-6101 | 400 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 37 | OIL RECOVERY VALVE SOV - COMPRESSOR DISCHARGE | XY-61151 | 24Vdc / **W | Digital | NIS | Type 2 | 01Px2.5mm ² | M20 | XY-61151 | XY-61151 | JB-UEV-652 | 10 | |
| 38 | OIL RECOVERY VALVE SOV - CHILLER RECOVERY | XY-61152 | 24Vdc / **W | Digital | NIS | Type 2 | 01Px2.5mm ² | M20 | XY-61152 | XY-61152 | JB-UEV-652 | 10 | |

Vendor Reply:
Noted

Vendor Reply: According to control philosophy and MYCOM design/ Guarantee, Heater temperature switches connected directly to MCC as a cause of heater shutdown in high temperature. this criteria is based on safety design .

Vendor Reply: Noted

| No. | Service | Tag No. | Content of signal | SIGNAL Type | IS/NIS | Cable type | Cable size | Gland size | Cable Tag. | From | To | Length (Meter) | Remarks |
|-----|---|------------------|--|---------------|--------|------------|------------------------------|----------------------|------------------|------------|----------|----------------|---|
| 39 | Multi cable for JB-UEV-652 | | 24Vdc / **W FRT-04Px2.5mm ² SWA/ NIS/GRAY (300/500) | Digital | NIS | By Client | 4x2x2.5 mm ² | By Client | JB-UEV-652-1-UCP | JB-UEV-652 | UCP-6101 | 400 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 40 | Oil heater temp. control switch High/High High | -EH6101/TSHH-EHG | 24Vdc / **D | Digital | NIS | By Client | 1x2x1.5mm ² | M20 | TS-EH6101 | TS-EH6101 | MCC | 400 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 41 | COMPRESSOR -A- MOTOR CURRENT | IT-61111 | 4 to 20mA / 2-wire FRT-01Px1.5mm ² OSCR/ SWA/NIS/GRAY (300/500) | Analogue | NIS | By Client | 2Px1.5mm ² /Pr. 2 | M20 | IT-UCP6101 | MCC | UCP-6101 | 400 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 42 | COMPRESSOR -B- MOTOR CURRENT | IT-61121 | 4 to 20mA / 2-wire | Analogue | NIS | By Client | 2Px1.5mm ² /Pr. 2 | M20 | IT-UCP6101 | MCC | UCP-6101 | 400 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 43 | COMPRESSOR MOTOR -B- BEARING TEMP DE | TE-61127 | RTD / 3 wire | Pt100 | IS | By Client | 4Tx1.5mm ² /Tr. 1 | M20 | RTDBOX-B-UCP | Motor JB-B | UCP-6101 | 400 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 44 | COMPRESSOR MOTOR -A- BEARING TEMP DE | TE-61128 | RTD / 3 wire | Pt100 | IS | By Client | 4Tx1.5mm ² /Pr. 2 | M20 | RTDBOX-B-UCP | Motor JB-B | UCP-6101 | 400 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 45 | COMPRESSOR MOTOR -A- BEARING TEMP DE | TE-61117 | RTD / 3 wire | Pt100 | IS | By Client | 4Tx1.5mm ² /Pr. 2 | M20 | RTDBOX-A-UCP | Motor JB-A | UCP-6101 | 400 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 46 | COMPRESSOR MOTOR -B- BEARING TEMP DE | TE-61118 | RTD / 3 wire | Pt100 | IS | By Client | 4Tx1.5mm ² /Pr. 2 | M20 | RTDBOX-A-UCP | Motor JB-A | UCP-6101 | 400 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 47 | CHILLER TUBE SHEET TEMPERATURE | TIC-61101 | FRT-01Px1.5mm ² OSCR/ IS/BLUE (300/500) | IS | NIS | By Client | 1Px1.5mm ² | M20 | TIC-61101 | DCS | UCP-6101 | 50 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 48 | Motor Winding TEMPERATURE | TI-61119 | 4 to 20mA / 2-wire | Analogue | NIS | By Client | 2Px1.5mm ² /Pr. 1 | M20 | CM-6101-RTD | MCC | DCS | 400 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 49 | Motor Winding TEMPERATURE | TI-61129 | 4 to 20mA / 2-wire | Analogue | NIS | By Client | 2Px1.5mm ² /Pr. 2 | M20 | CM-6101-RTD | MCC | DCS | 400 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 50 | Plant Emergency Stop | ESD-6101 | FRT-01Px1.5mm ² OSCR/ NIS/GRAY (300/500) | IS | NIS | By Client | 1Px1.5mm ² | M20 | ESD-61010 | ESD | UCP-6101 | 50 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 51 | CUMULATIVE ALARM | XA-6101 | 4Px2.5mm ² /Pr. 1 | IS | NIS | By Client | 4Px2.5mm ² /Pr. 1 | M20 | UCP-DCS | UCP-6101 | DCS | 50 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 52 | CUMULATIVE TRIP | XA-6102 | 4Px2.5mm ² /Pr. 2 | IS | NIS | By Client | 4Px2.5mm ² /Pr. 2 | M20 | UCP-DCS | UCP-6101 | DCS | 50 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 53 | Time Synchronization Signal | TS-6101 | 24Vdc / **D | Digital | NIS | By Client | 4Px2.5mm ² /Pr. 3 | M20 | UCP-DCS | DCS | UCP-6101 | 50 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 54 | LCP-A- Switches | | 24Vdc / **D FRT-19Px1mm ² OSCR/SWA/NIS/ GRAY (300/500) | Digital | NIS | By Client | 19Px1 mm ² | By Client | LCP-6101A-1-UCP | LCP-6101A | UCP-6101 | 400 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 55 | LCP -A- Lamps | | 24Vdc / **D FRT-07Px2.5mm ² SWA/ NIS/GRAY(300/500) | Digital | NIS | By Client | 7Px2.5 mm ² | By Client | LCP-6101A-2-UCP | LCP-6101A | UCP-6101 | 400 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 56 | LCP-B- Switches | | 24Vdc / **D FRT-07Px1mm ² SWA/ NIS/GRAY(300/500) | Digital | NIS | By Client | 7Px1 mm ² | By Client | LCP-6101B-1-UCP | LCP-6101B | UCP-6101 | 400 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 57 | LCP -B- Lamps | | 24Vdc / **D FRT-04Px2.5mm ² SWA/ NIS/GRAY(300/500) | Digital | NIS | By Client | 4Px2.5 mm ² | By Client | LCP-6101B-2-UCP | LCP-6101B | UCP-6101 | 400 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 58 | UCP to MCC (UCP Digital Output Command signals for main motor A, main motor B, oil pump, Elec. Heater :STT,STP, ETC) | | 24Vdc / **D | Digital | NIS | By Client | 12x2x2.5 mm ² | By Client | Hold | UCP-6101 | MCC | 400 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 59 | MCC to UCP (UCP Digital Input Status signals for main motor A, main motor B, oil pump, Elec. Heater : Running,Fault, ETC) | | 24Vdc / **D | Digital | NIS | By Client | 12x2x2.5 mm ² | By Client | Hold | MCC | UCP-6101 | 400 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 60 | Communication with DCS | | | Modbus TCP/IP | NIS | By Client | | | Hold | MCC | DCS | 50 | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 61 | Communication with DCS | | | Modbus TCP/IP | NIS | By Client | | | Hold | MCC | DCS | 50 | Redundant |
| 62 | UPS Power_110 Vac -#1 | | | Power cable | NIS | By Client | CU/XLPE/PVC (600/1000) Black | 02Cx6mm ² | UPS-6101-1 | UCP | UCP | 400 m | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 63 | UPS Power_110 Vac -#2 | | | Power cable | NIS | By Client | CU/XLPE/PVC (600/1000) Black | 02Cx6mm ² | UPS-6101-2 | UCP | UCP | 400 m | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |
| 64 | Non-UPS Power | | | Power cable | NIS | By Client | CU/XLPE/PVC (600/1000) Black | 02Cx4mm ² | NUPS-6101-1 | UCP | UCP | 400 m | 1-Cable will be supplied By Customer 2-Cable size shall be checked and confirmed by Customer |

Reply sheet shall be submitted by Vendor for the comments which are not implemented in the next revision.

Native file (Excel) shall be submitted with PDF file in all the next revisions.

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It seems that RTD signals from MCC to DCS are not required and shall be deleted.

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Vendor Reply: Noted

DCS-UCP-6101-1

DCS-UCP-6101-2

PDP-UCP-6101-1

PDP-UCP-6101-2

PDP-UCP-6101-3

IC-UEV-652

IC-UEV-652

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UCP-RTDBOX-B

UCP-RTDBOX-B

UCP-RTDBOX-B

UCP-RTDBOX-A

UCP-LCP-6101A-1





UCP-LCP-6101A-2





UCP-LCP-6101B-1



UCP-LCP-6101B-2

Vendor Reply: Noted

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|   | | Gachsaran Polymer Industries Company HDPE Plant Instrument Cable List for Refrigerator Package | |   | |
|---|---------------------------------|---|------|--|------|
| PO No. GPIC-PT-MA-PO-000-3029 | | Document Number | Rev. | Page: 5 of 7 | |
| | | VD-GPIC-MA-3029-3029-0052 | 01 | | |
| 1 | Item | 1 | | | Rev. |
| 2 | DUTY | 2 Wire Transmitter, | | | |
| 3 | INSTALLATION LOCATION | OUTDOOR | | | |
| 4 | INSTALLATION METHOD | - | | | |
| 5 | AMBIENT TEMP MIN / MAX | -20 °C / 48 °C | | | |
| 6 | CABLE TECHNICAL DATA | | | | |
| 7 | MAKE | Moghan Cable | | | |
| 8 | TYPE | As per EN50288-7 | | | |
| 9 | CONDUCTORS | Tinned Stranded Copper - IEC 60228 class 2 | | | |
| 10 | INSULATION | XLPE | | | |
| 11 | CORE / PAIR / TRIAD | Twisted Pair | | | |
| 12 | IDENTIFICATION | Black - white | | | |
| 13 | SCREENING | Collective Aluminium/Polyester tape + tinned copper drain wire | | | |
| 14 | BEDDING | LSHF | | | |
| 15 | ARMOUR | Galvanised Steel Wire Armour (SWA) | | | |
| 16 | OUTER JACKET | LSHF | | | |
| 17 | OUTER SHEATH COLOUR | Blue | | | |
| 18 | CROSS SECTION | 1.5 mm ² | | | |
| 19 | NUMBER OF CORES / PARE / TRIADS | 1 Pair | | | |
| 20 | MAX. OPERATING VOLTAGE | 300 / 500 Volt | | | |
| 21 | MIN. OPERATING TEMPERATURE | -20 °C | | | |
| 22 | MAX. OPERATING TEMPERATURE | +60 °C | | | |
| 23 | CONDUCTOR MAXIMUM TEMPERATURE | +90 °C | | | |
| 24 | | | | | |
| 25 | INNER SHEATH DIAMETER | 7.7 mm | | | |
| 26 | OUTER SHEATH DIAMETER | 12.5 mm | | | |
| 27 | | | | | |
| 28 | FLAME RETARDANT | IEC60332-1-2 / IEC 60332-3-24 (cat.C) | | | |
| 29 | | | | | |
| 30 | | | | | |
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|   | | Gachsaran Polymer Industries Company HDPE Plant Instrument Cable List for Refrigerator Package | |   | |
|---|---------------------------------|---|------|--|------|
| PO No. GPIC-PT-MA-PO-000-3029 | | Document Number | Rev. | Page: 6 of 7 | |
| | | VD-GPIC-MA-3029-3029-0052 | 01 | | |
| 1 | Item | 2 | | | Rev. |
| 2 | DUTY | SOLENOID VALVE | | | |
| 3 | INSTALLATION LOCATION | OUTDOOR | | | |
| 4 | INSTALLATION METHOD | - | | | |
| 5 | AMBIENT TEMP MIN / MAX | -20 °C / 48 °C | | | |
| 6 | CABLE TECHNICAL DATA | | | | |
| 7 | MAKE | Moghan Cable | | | |
| 8 | TYPE | As per EN50288-7 | | | |
| 9 | CONDUCTORS | Tinned Stranded Copper - IEC 60228 class 2 | | | |
| 10 | INSULATION | XLPE | | | |
| 11 | CORE / PAIR / TRIAD | Pair | | | |
| 12 | IDENTIFICATION | Black - white | | | |
| 13 | SCREENING | NA | | | |
| 14 | BEDDING | LSHF | | | |
| 15 | ARMOUR | Galvanised Steel Wire Armour (SWA) | | | |
| 16 | OUTER JACKET | LSHF | | | |
| 17 | OUTER SHEATH COLOUR | Gray | | | |
| 18 | CROSS SECTION | 2.5 mm ² | | | |
| 19 | NUMBER OF CORES / PARE / TRIADS | 1 Pair | | | |
| 20 | MAX. OPERATING VOLTAGE | 300 / 500 Volt | | | |
| 21 | MIN. OPERATING TEMPERATURE | -20 °C | | | |
| 22 | MAX. OPERATING TEMPERATURE | +60 °C | | | |
| 23 | CONDUCTOR MAXIMUM TEMPERATURE | +90 °C | | | |
| 24 | | | | | |
| 25 | INNER SHEATH DIAMETER | 8.9 mm | | | |
| 26 | OUTER SHEATH DIAMETER | 13.7 mm | | | |
| 27 | | | | | |
| 28 | FLAME RETARDANT | IEC60332-1-2 / IEC 60332-3-24 (cat.C) | | | |
| 29 | | | | | |
| 30 | | | | | |
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|   | | Gachsaran Polymer Industries Company HDPE Plant Instrument Cable List for Refrigerator Package | |   | | |
|---|---------------------------------|---|------------|--|------|--|
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| Item | | | | | Rev. | |
| 1 | Item | 3 | | | | |
| 2 | DUTY | Switches | | | | |
| 3 | INSTALLATION LOCATION | OUTDOOR | | | | |
| 4 | INSTALLATION METHOD | - | | | | |
| 5 | AMBIENT TEMP MIN / MAX | -20 °C / 48 °C | | | | |
| 6 | CABLE TECHNICAL DATA | | | | | |
| 7 | MAKE | LATER | | | | |
| 8 | TYPE | As per EN50288-7 | | | | |
| 9 | CONDUCTORS | Stranded Copper - IEC 60228 class 2 | | | | |
| 10 | INSULATION | XLPE | | | | |
| 11 | CORE / PAIR / TRIAD | Twisted Pair | | | | |
| 12 | IDENTIFICATION | Black - white | | | | |
| 13 | SCREENING | Collective Aluminium/Maylar tape + tinned copper drain wire | | | | |
| 14 | BEDDING | PVC | | | | |
| 15 | ARMOUR | Galvanised Steel Wire Armour (SWA) | | | | |
| 16 | OUTER JACKET | PVC | | | | |
| 17 | OUTER SHEATH COLOUR | Blue | | | | |
| 18 | CROSS SECTION | 1.5 mm ² | | | | |
| 19 | NUMBER OF CORES / PARE / TRIADS | 2 Pair | | | | |
| 20 | MAX. OPERATING VOLTAGE | 300 / 500 Volt | | | | |
| 21 | MIN. OPERATING TEMPERATURE | -20 °C | | | | |
| 22 | MAX. OPERATING TEMPERATURE | +60 °C | | | | |
| 23 | CONDUCTOR MAXIMUM TEMPERATURE | +90 °C | | | | |
| 24 | | | | | | |
| 25 | INNER SHEATH DIAMETER | Later | | | | |
| 26 | OUTER SHEATH DIAMETER | Later | | | | |
| 27 | | | | | | |
| 28 | FLAME RETARDANT | IEC60332-1-2 / IEC 60332-3-24 (cat.C) | | | | |
| 29 | | | | | | |
| 30 | | | | | | |
| 31 | | | | | | |
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| 35 | | | | | | |