



ASPC Project



| | |
|------------------------------|-----------------------------------|
| END CUSTOMER | : Arya Sasol Polymer Company |
| CONTRACTOR | : DYPNF Co., Ltd. |
| VENDOR NAME | : Airpack Netherlands BV |
| EQUIPMENT DESCRIPTION | : Screw Compressor & Roots Blower |
| PURCHASE ORDER NUMBER | : PO-PC2312-08 |

Customer Document : 3944-VD-0171-DYP-RE-400-DSH-0077
Number

Airpack Document Number : 23383-12A

Document Title : Instrument data sheet

| Review Code and Status | | Contractor Initials/Signature | Date signed |
|--------------------------|--|----------------------------------|----------------|
| <input type="checkbox"/> | Code 1 REJECTED - Vendor to revise and Resubmit. Work cannot proceed | | |
| <input type="checkbox"/> | Code 2 Comments As Noted - Work May proceed, subject to compliance with and incorporation of comments | | |
| <input type="checkbox"/> | Code 3 No Comments - Work may proceed. | | |
| <input type="checkbox"/> | Code 4 Information only - Review not required. | | |

| | | | | | |
|----------|---------------------|------------|-------------|------------|-------------|
| 04 | Issued for Approval | 13-04-2026 | SC | SC | SC |
| 03 | Issued for Approval | 11-12-2025 | LK | SC | SC |
| 02 | Issued for Approval | 06-10-2025 | OGZ | LK | SC |
| 01 | Issued for Approval | 20-06-2025 | LK | SC | JJ |
| Rev. No. | Description | Date | Prepared by | Checked by | Approved by |

| | | |
|--|------------------------------|--|
| | INSTRUMENT DATA SHEET | |
|--|------------------------------|--|

Project Name :
**300 KT POLYETHYLENE PLANT
ARYA SASOL POLYMER COMPANY (ASPC)**

Site Location :

Document Title :
INSTRUMENT DATA SHEET

Document No :
23383-12A

| | | | | | |
|------------|-------------|--------------------|-----------------|-----------------|-----------------|
| 04 | 13/04/2026 | For Approval | SC | SC | |
| 03 | 11/12/2025 | For Approval | LK | SC | |
| 02 | 06/10/2025 | For Approval | LK | SC | |
| 01 | 20/06/2025 | For Approval | LK | SC | |
| Rev | Date | Description | Prepared | Reviewed | Approved |

| | | | | | | | | |
|--------------------|----------------------|--|-------------------------|-------------------------------------|--|------|-------|------|
| GENERAL | 1 | Tag Number | | Refer to next page | | | | |
| | 2 | Service | | Refer to next page | | | | |
| | 3 | P&ID No. | | Refer to next page | | | | |
| | 4 | Area Classification | | Zone 2, Ex'ia', IIC, T3 | | | | |
| | 5 | Line No. or Vessel No. | | Refer to next page | | | | |
| | 6 | Pipe Class | | Refer to next page | | | | |
| | 7 | NACE Requirement | | N/A | | | | |
| PROCESS CONDITIONS | 8 | Fluid (State) | | Refer to next page | | | | |
| | 9 | Pressure Max (barg) | Oper. | Refer to next page | Refer to next page | | | |
| | 10 | Temperature Max. (°C) | Oper. | Refer to next page | Refer to next page | | | |
| | 11 | Oper. Spec. Gravity | Oper. Viscosity (cP) | Air: 1; N ₂ : 1,038 | Air: 0,025 cP; N ₂ : 0,024 cP | | | |
| | 12 | Design Pressure (barg) | Design Temperature (°C) | 4,2 barg | 215 °C | | | |
| TRANSMITTER | 13 | Application | | Pressure transmitter | | | | |
| | 14 | Type | | Diaphragm | | | | |
| | 15 | Enclosure Class | | IP65 | | | | |
| | 16 | Housing | Paint | Aluminium (epoxy coated) | Manufacturer standard | | | |
| | 17 | Power Supply | Load Resist | 24VDC 2-wire loop powered | 250 to 1100 ohm | | | |
| | 18 | Process Connection | Electrical Connection | 1/2" NPT-M | ISO M20x1,5 | | | |
| | 19 | Accuracy | Response Time | ± 0.1% of span | 100 ms to 152 ms | | | |
| | 20 | Output Signal | | 4-20 mA, HART | | | | |
| | 21 | Element Material | | SS316L | | | | |
| | 22 | Wetted O - Ring Material | | Glass-filled PTFE | | | | |
| | 23 | Fill Fluid | | Silicone | | | | |
| | 24 | Instrument Range | | -1,0 to 2,1 bar / -1,0 to 10,3 bar | | | | |
| | 25 | Calibrated Range | | Refer to next page | | | | |
| 26 | Elevation | Suppression | N/A | N/A | | | | |
| 27 | Allow.Oper. Pressure | Allow.Oper.Temp. | -1,0 to 55 bar | -40 to 121 °C | | | | |
| 28 | | | | | | | | |
| DIAPHRAGM SEAL | 29 | Process Connection & Rating (H / L) | | N/A | | | | |
| | 30 | Diaphragm Material | | N/A | | | | |
| | 31 | Capillary Type / Material / Length (M) | | N/A | | | | |
| | 32 | Fill Fluid | | N/A | | | | |
| | 33 | Housing Material / Flange Material | | N/A | | | | |
| | 34 | Allowable Over Temperature | | N/A | | | | |
| | 35 | Flushing Connection | Flushing Ring | N/A | N/A | | | |
| MANIFOLD | 36 | Type | Body Material | 2-way block&bleed | SS316 | | | |
| | 37 | Trim | Packing | SS316 | PTFE | | | |
| | 38 | Max. Rating Pressure | Temperature | 4,2 barg | 215 °C | | | |
| | 39 | Held Terminal | | N/A | | | | |
| | 40 | Process Conn. | Size | Type | Rating | 1/2" | NPT-F | 800# |
| | 41 | Manufacturer | | Schneider | | | | |
| | 42 | Model | | SAFFSA | | | | |
| OPTIONS | 43 | Integral Meter | Scale | Yes, LCD | bar(g) | | | |
| | 44 | Lightning Protection | | N/A | | | | |
| | 45 | Pressure Testing | | N/A | | | | |
| | 46 | Mounting Brackets | | Yes, SS316 | | | | |
| | 47 | Burnout | | N/A | | | | |
| PURCHASE | 48 | Manufacturer | | Emerson | | | | |
| | 49 | Model | | Rosemount 2051 Pressure Transmitter | | | | |
| | 50 | | | | | | | |

Note. :

- Calibration, 3.1 material test, ATEX, SIL2 and IP certification to be included with transmitters

| | | | | | | | |
|-----|----|------------|--------------|----------------------|----------|---------------|----------|
| | | | | PRESSURE TRANSMITTER | | | |
| 04 | SC | 13/04/2026 | For Approval | | | | |
| 03 | LK | 11/12/2025 | For Approval | | | | |
| 02 | LK | 06/10/2025 | For Approval | | | | |
| 01 | LK | 20/06/2025 | For Approval | | | SHEET 2 OF 11 | |
| No. | By | Date | Revision | Code: | Doc. No. | 23383-12 | Rev.: 04 |

| NO | TAG NO. | Q'TY | Line No. or Vessel No. | DESIGN | | SET RANGE (Calibrated range) (barg) | OPERATING | | | | FLUID (STATE) | SERVICE | PIPING CLASSIFICATION | P&ID NO. | NOTES |
|----|--------------|------|------------------------|--------------------|---------------|---|-------------------------------|--------------------------------|-----|-----|------------------|-------------------------------------|-----------------------|----------|--|
| | | | | PRESSURE (barG) | TEMP. (°C) | | PRESSURE NOR/MAX (barg) | TEMPERATURE NOR/MAX (°C) | | | | | | | |
| 1 | 44PT-4001003 | 1 | 44C-40001A | 54 | 121 | -1...1 | 0 | 0.2 | 48 | 58 | Nitrogen (Gas) | Nitrogen compressor inlet pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 2 | 44PT-4001054 | 1 | 44C-40001A | 54 | 121 | -1...5 | 2.5 | 3.5 | 55 | 100 | Oil (liquid) | Nitrogen compressor oil pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 3 | 44PT-4001011 | 1 | 44C-40001A | 54 | 121 | -1...5 | 2 | 2.2 | 189 | 204 | Nitrogen (Gas) | Nitrogen compressor outlet pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 4 | 44PT-4002003 | 1 | 44C-40001B | 54 | 121 | -1...1 | 0 | 0.2 | 48 | 58 | Nitrogen (Gas) | Nitrogen compressor inlet pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 5 | 44PT-4002005 | 1 | 44C-40001B | 54 | 121 | -1...5 | 2.5 | 3.5 | 55 | 100 | Oil (liquid) | Nitrogen compressor oil pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 6 | 44PT-4002001 | 1 | 44C-40001B | 54 | 121 | -1...5 | 2 | 2.2 | 189 | 204 | Nitrogen (Gas) | Nitrogen compressor outlet pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 7 | 44PT-8004001 | 1 | 44C-80001A | 54 | 121 | -1...1 | 0 | 0.2 | 48 | 58 | Air (Gas) | Air compressor inlet pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 8 | 44PT-8004041 | 1 | 44C-80001A | 54 | 121 | -1...5 | 2.5 | 4.2 | 55 | 100 | Oil (liquid) | Air compressor oil pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 9 | 44PT-8004002 | 1 | 44C-80001A | 54 | 121 | -1...5 | 1.5 | 2 | 167 | 182 | Air (Gas) | Air compressor outlet pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 10 | 44PT-8004003 | 1 | 44C-80001B | 54 | 121 | -1...1 | 0 | 0.2 | 48 | 58 | Air (Gas) | Air compressor inlet pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 11 | 44PT-8004042 | 1 | 44C-80001B | 54 | 121 | -1...5 | 2.5 | 4.2 | 55 | 100 | Oil (liquid) | Air compressor oil pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 12 | 44PT-8004004 | 1 | 44C-80001B | 54 | 121 | -1...5 | 1.5 | 2 | 167 | 182 | Air (Gas) | Air compressor outlet pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 13 | 44PT-8004005 | 1 | 44C-80002A | 54 | 121 | -1...1 | 0 | 0.2 | 48 | 58 | Air (Gas) | Roots blower inlet pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 14 | 44PT-8004006 | 1 | 44C-80002A | 54 | 121 | -1...5 | 1 | 1.3 | 154 | 169 | Air (Gas) | Roots blower outlet pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 15 | 44PT-8004009 | 1 | 44C-80002B | 54 | 121 | -1...1 | 0 | 0.2 | 48 | 58 | Air (Gas) | Roots blower inlet pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 16 | 44PT-8004010 | 1 | 44C-80002B | 54 | 121 | -1...5 | 1 | 1.3 | 154 | 169 | Air (Gas) | Roots blower outlet pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 17 | 44PT-8004013 | 1 | 44C-80004A | 54 | 121 | -1...1 | 0 | 0.2 | 48 | 58 | Air (Gas) | Air compressor inlet pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 18 | 44PT-8004043 | 1 | 44C-80004A | 54 | 121 | -1...5 | 2.5 | 3.5 | 55 | 100 | Oil (liquid) | Air compressor oil pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 19 | 44PT-8004014 | 1 | 44C-80004A | 54 | 121 | -1...5 | 2.2 | 2.5 | 205 | 220 | Air (Gas) | Air compressor outlet pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 20 | 44PT-8004016 | 1 | 44C-80004B | 54 | 121 | -1...1 | 0 | 0.2 | 48 | 58 | Air (Gas) | Air compressor inlet pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 21 | 44PT-8004044 | 1 | 44C-80004B | 54 | 121 | -1...5 | 2.5 | 3.5 | 55 | 100 | Oil (liquid) | Air compressor oil pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 22 | 44PT-8004017 | 1 | 44C-80004B | 54 | 121 | -1...5 | 2.2 | 2.5 | 205 | 220 | Air (Gas) | Air compressor outlet pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 23 | 44PT-8005001 | 1 | 44C-80005A | 54 | 121 | -1...1 | 0 | 0.2 | 48 | 58 | Air (Gas) | Air compressor inlet pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 24 | 44PT-8005041 | 1 | 44C-80005A | 54 | 121 | -1...5 | 2.5 | 4.2 | 55 | 100 | Oil (liquid) | Air compressor oil pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 25 | 44PT-8005002 | 1 | 44C-80005A | 54 | 121 | -1...5 | 1.5 | 1.8 | 164 | 179 | Air (Gas) | Air compressor outlet pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 26 | 44PT-8005004 | 1 | 44C-80005B | 54 | 121 | -1...1 | 0 | 0.2 | 48 | 58 | Air (Gas) | Air compressor inlet pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 27 | 44PT-8005042 | 1 | 44C-80005B | 54 | 121 | -1...5 | 2.5 | 4.2 | 55 | 100 | Oil (liquid) | Air compressor oil pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 28 | 44PT-8005005 | 1 | 44C-80005B | 54 | 121 | -1...5 | 1.5 | 1.8 | 164 | 179 | Air (Gas) | Air compressor outlet pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 29 | 44PT-8005006 | 1 | 44C-80005C | 54 | 121 | -1...1 | 0 | 0.2 | 48 | 58 | Air (Gas) | Air compressor inlet pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 30 | 44PT-8005043 | 1 | 44C-80005C | 54 | 121 | 0...6 | 2.5 | 4.2 | 55 | 100 | Oil (liquid) | Air compressor oil pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |
| 31 | 44PT-8005007 | 1 | 44C-80005C | 54 | 121 | 0...3 | 1.5 | 1.8 | 164 | 179 | Air (Gas) | Air compressor outlet pressure | Mfr. Standard | 23383-03 | 1. No issue with high temperature because of tubing inbetween. |

Note :

| | | | | | | | |
|-----|----|------------|--------------|----------------------|-----------|----------|----------|
| | | | | PRESSURE TRANSMITTER | | | |
| 04 | SC | 13/04/2026 | For Approval | | | | |
| 03 | LK | 11/12/2025 | For Approval | | | | |
| 02 | LK | 06/10/2025 | For Approval | | | | |
| 01 | LK | 20/06/2025 | For Approval | | | | |
| | | | | SHEET 3 OF 11 | | | |
| No. | By | Date | Revision | Code: | Doc. No.: | 23383-12 | Rev.: 04 |

| | | | | | | |
|--------------------|----------------------|-------------------------------------|-----------------------|--|--|-----------------|
| GENERAL | 1 | Tag Number | | Refer to next page | | |
| | 2 | Service | | Refer to next page | | |
| | 3 | P&ID No. | | Refer to next page | | |
| | 4 | Area Classification | | Zone 2, Ex'ia', IIC, T3 | | |
| | 5 | Line No. or Vessel No. | | Refer to next page | | |
| | 6 | Pipe Class | | Refer to next page | | |
| | 7 | NACE Requirement | | N/A | | |
| PROCESS CONDITIONS | 8 | Fluid (State) | | Refer to next page | | |
| | 9 | Pressure Max (barg) | Oper. | Refer to next page | Refer to next page | |
| | 10 | Temperature Max. (°C) | Oper. | Refer to next page | Refer to next page | |
| | 11 | Oper. Spec. Gravity | Oper. Viscosity (cP) | Air: 1; N ₂ : 1,038 | Air: 0,025 cP; N ₂ : 0,024 cP | |
| | 12 | Design Pressure (barg) | Design Temp. (°C) | 4,2 barg | 215 °C | |
| TRANSMITTER | 13 | Application | | Pressure differential transmitter | | |
| | 14 | Type | | Diaphragm | | |
| | 15 | Enclosure Class | | IP65 | | |
| | 16 | Housing | Paint | Aluminium (epoxy coated) | Manufacturer standard | |
| | 17 | Power Supply | Load Resist | 24VDC 2-wire loop powered | 250 to 1100 ohm | |
| | 18 | Process Connection | Electrical Connection | 1/2" NPT-M | ISO M20x1,5 | |
| | 19 | Accuracy | Response Time | ± 0.1% of span | 100 ms to 152 ms | |
| | 20 | Output Signal | | 4-20 mA, HART | | |
| | 21 | Element Material | | SS316L | | |
| | 22 | Wetted O - Ring Material | | Glass-filled PTFE | | |
| | 23 | Fill Fluid | | Silicone | | |
| | 24 | Instrument Range | | -2,5 to 2,5 bar | | |
| | 25 | Calibrated Range | | Refer to next page | | |
| | 26 | Elevation | Suppression | N/A | N/A | |
| 27 | Allow.Oper. Pressure | Allow.Oper.Temp. | -1,0 to 55 bar | -40 to 149 °C | | |
| 28 | | | | | | |
| DIAPHRAGM SEAL | 29 | Process Connection & Rating (H / L) | | N/A | | |
| | 30 | Diaphragm Material | | N/A | | |
| | 31 | Capillary Type / Material / Length | | N/A | | |
| | 32 | Fill Fluid | | N/A | | |
| | 33 | Housing Material / Flange Material | | N/A | | |
| | 34 | Allowable Over Temperature | | N/A | | |
| | 35 | Flushing Connection | Flushing Ring | N/A | N/A | |
| MANIFOLD | 36 | Type | Body Material | 5-way manifold | SS316 | |
| | 37 | Trim | Packing | SS316 | PTFE | |
| | 38 | Max. Rating | Pressure | Temperature | 4,2 barg | 215 °C |
| | 39 | Held Terminal | | N/A | | |
| | 40 | Process Conn. | Size | Type | Rating | 1/2" NPT-F 800# |
| | 41 | Manufacturer | | Schneider | | |
| | 42 | Model | | WSRASA | | |
| OPTIONS | 43 | Integral Meter | Scale | Yes, LCD | bar(g) | |
| | 44 | Lightning Protection | | N/A | | |
| | 45 | Pressure Testing | | N/A | | |
| | 46 | Mounting Brackets | | Yes, SS316 | | |
| | 47 | Burnout | | N/A | | |
| PURCHASE | 48 | Manufacturer | | Emerson | | |
| | 49 | Model | | Rosemount 2051 Coplanar Pressure Transmitter | | |
| 50 | | | | | | |

Note. :

- Calibration, 3.1 material test, ATEX, SIL2 and IP certification to be included with transmitters

| | | | | | | |
|-----|----|------------|--------------|-------------------------------|----------|-------------------|
| | | | | D/P TYPE PRESSURE TRANSMITTER | | |
| 04 | SC | 13/04/2026 | For Approval | | | |
| 03 | LK | 11/12/2025 | For Approval | | | |
| 02 | LK | 06/10/2025 | For Approval | | | |
| 01 | LK | 20/06/2025 | For Approval | | | SHEET 4 OF 11 |
| No. | By | Date | Revision | Code: | Doc. No. | 23383-12 Rev.: 04 |

| | | | | | |
|----------------------------|----|------------------------------|-----------------------|---------------------------------------|--|
| GENERAL | 1 | Tag Number | | Refer to next sheet | |
| | 2 | Service | | Refer to next sheet | |
| | 3 | P&ID No. | | Refer to next sheet | |
| | 4 | Area Classification | | Zone 2, Ex'ia, IIC, T3 | |
| | 5 | Line No. or Vessel No. | | Refer to next sheet | |
| | 6 | Pipe Class | | Refer to next sheet | |
| | 7 | NACE Requirement | | N/A | |
| | 8 | | | | |
| PROCESS CONDITIONS | 9 | Fluid (State) | | Refer to next sheet | |
| | 10 | Pressure Max (MPaG) | Oper. | Refer to next sheet | Refer to next sheet |
| | 11 | Temperature Max. (°C) | Oper. | Refer to next sheet | Refer to next sheet |
| | 12 | Oper. Spec.Gravity | Oper. Viscosity (cP) | Air: 1; N ₂ : 1,038 | Air: 0,025 cP; N ₂ : 0,024 cP |
| | 13 | Design Pressure (barg) | | 4,2 barg | |
| | 14 | Design Temperature (°C) | | 215 °C | |
| TRANSMITTER | 15 | Type | | Field mounted transmitter | |
| | 16 | RTD Types Supported | | N/A | |
| | 17 | Thermocouple Supported Types | | Type 'K' | |
| | 18 | MV Supported Type | | N/A | |
| | 19 | Cold Junction Compensation | | Internal compensation | |
| | 20 | Enclosure Class | | IP65 | |
| | 21 | Housing | Paint | Aluminium (epoxy coated) | Manufacturer standard |
| | 22 | Power Supply | Load Resist | 24VDC, 2-wire loop powered | 250 to 1100 ohm |
| | 23 | Process Connection | Electrical Connection | N/A | ISO M20x1,5 |
| | 24 | Accuracy | Response Time | ± 0.2% of span | |
| | 25 | Output Signal | | 4-20mA, HART | |
| | 26 | Range Limits | | -200 to 1000 °C | |
| | 27 | Calibrated Range | | Refer to next sheet | |
| | 28 | Display | | Digital, LCD | |
| 29 | | | | | |
| 30 | | | | | |
| COMMUNICATION AND SOFTWARE | 31 | Communication Type | | Smart, HART | |
| | 32 | Baud - Rate | | N/A | |
| | 33 | Communication with: | | N/A | |
| | 34 | Configuration from: | | N/A | |
| | 35 | Internal Diagnostics | | Yes | |
| | 36 | Held Terminal | | N/A | |
| | 37 | | | | |
| OPTIONS | 38 | Integral Meter | Scale | Yes | °C |
| | 39 | Lightning Protection | | N/A | |
| | 40 | Custom Configuration | | N/A | |
| | 41 | Mounting Brackets | | Yes | |
| | 42 | Burnout | | Overrange | |
| PURCHASE | 43 | Manufacturer | | Emerson | |
| | 44 | Model | | Rosemount 644 Temperature Transmitter | |
| | 45 | | | | |
| | 46 | | | | |
| | 47 | | | | |

Note. :

- Calibration, ATEX, SIL2 and IP certification to be included with transmitters

| | | | | | | | |
|-----|----|------------|--------------|-------------------------|-----------|---------------|----------|
| | | | | TEMPERATURE TRANSMITTER | | | |
| 04 | SC | 13/04/2026 | For Approval | | | | |
| 03 | LK | 11/12/2025 | For Approval | | | | |
| 02 | LK | 06/10/2025 | For Approval | | | | |
| 01 | LK | 20/06/2025 | For Approval | | | SHEET 6 OF 11 | |
| No. | By | Date | Revision | Code: | Doc. No.: | 23383-12 | Rev.: 04 |

| NO. | TAG NO. | Q'TY | DESIGN | | OPERATING | | | | CALIBRATION RANGE | FLUID (STATE) | SERVICE | LINE NO. /VESSEL NO. | PIPING CLASS. | P&ID NO. | NOTES |
|-----|--------------|------|--------------------|------------|--------------|--------------|-------|-------|-------------------|----------------|------------------------|----------------------|---------------|----------|-------|
| | | | PRESSURE (kg/cm2G) | TEMP. (°C) | TEMP. | PRESSURE | | | | | | | | | |
| | | | | | NOR/MAX (°C) | NOR/MAX barg | | | | | | | | | |
| 1 | 44TT-4001056 | 1 | 4.2 | 1000 | 55 | 100 | 2,5 | 3,5 | -50...300 | Oil (Liquid) | Oil system temperature | 44C-40001A | Mfr. std | 23383-03 | |
| 2 | 44TT-4001057 | 1 | 4.2 | 1000 | 189 | 204 | 1,903 | 2,2 | -50...300 | Nitrogen (Gas) | Outlet temperature | 44C-40001A | Mfr. std | 23383-03 | |
| 3 | 44TT-4001001 | 1 | 4.2 | 1000 | 30 | 60 | 0 | 0,2 | 0...100 | Air (Gas) | Enclosure temperature | 44C-40001A | Mfr. std | 23383-03 | |
| 4 | 44TT-4002056 | 1 | 4.2 | 1000 | 55 | 100 | 2,5 | 3,5 | -50...300 | Oil (Liquid) | Oil system temperature | 44C-40001B | Mfr. std | 23383-03 | |
| 5 | 44TT-4002057 | 1 | 4.2 | 1000 | 189 | 204 | 1,903 | 2,2 | -50...300 | Air (Gas) | Outlet temperature | 44C-40001B | Mfr. std | 23383-03 | |
| 6 | 44TT-4002001 | 1 | 4.2 | 1000 | 30 | 60 | 0 | 0,2 | 0...100 | Air (Gas) | Enclosure temperature | 44C-40001B | Mfr. std | 23383-03 | |
| 7 | 44TT-8004041 | 1 | 4.2 | 1000 | 55 | 100 | 2,5 | 4,2 | -50...300 | Oil (Liquid) | Oil system temperature | 44C-80001A | Mfr. std | 23383-03 | |
| 8 | 44TT-8004001 | 1 | 4.2 | 1000 | 167 | 182 | 1,473 | 1,7 | -50...300 | Air (Gas) | Outlet temperature | 44C-80001A | Mfr. std | 23383-03 | |
| 9 | 44TT-8004042 | 1 | 4.2 | 1000 | 55 | 100 | 2,5 | 4,2 | -50...300 | Oil (Liquid) | Oil system temperature | 44C-80001B | Mfr. std | 23383-03 | |
| 10 | 44TT-8004003 | 1 | 4.2 | 1000 | 167 | 182 | 1,473 | 1,7 | -50...300 | Air (Gas) | Outlet temperature | 44C-80001B | Mfr. std | 23383-03 | |
| 11 | 44TT-8004005 | 1 | 4.2 | 1000 | 154 | 169 | 0,983 | 1,067 | -50...300 | Air (Gas) | Outlet temperature | 44C-80002A | Mfr. std | 23383-03 | |
| 12 | 44TT-8004007 | 1 | 4.2 | 1000 | 154 | 169 | 0,983 | 1,067 | -50...300 | Air (Gas) | Outlet temperature | 44C-80002B | Mfr. std | 23383-03 | |
| 13 | 44TT-8004043 | 1 | 4.2 | 1000 | 55 | 100 | 2,5 | 3,5 | -50...300 | Oil (Liquid) | Oil system temperature | 44C-80004A | Mfr. std | 23383-03 | |
| 14 | 44TT-8004009 | 1 | 4.2 | 1000 | 205 | 220 | 2,213 | 3,5 | -50...300 | Air (Gas) | Outlet temperature | 44C-80004A | Mfr. std | 23383-03 | |
| 15 | 44TT-8004044 | 1 | 4.2 | 1000 | 55 | 100 | 2,5 | 3,5 | -50...300 | Oil (Liquid) | Oil system temperature | 44C-80004B | Mfr. std | 23383-03 | |
| 16 | 44TT-8004011 | 1 | 4.2 | 1000 | 205 | 220 | 2,213 | 3,5 | -50...300 | Air (Gas) | Outlet temperature | 44C-80004B | Mfr. std | 23383-03 | |
| 17 | 44TT-8005041 | 1 | 4.2 | 1000 | 55 | 100 | 2,5 | 4,2 | -50...300 | Oil (Liquid) | Oil system temperature | 44C-80005A | Mfr. std | 23383-03 | |
| 18 | 44TT-8005001 | 1 | 4.2 | 1000 | 164 | 179 | 1,423 | 1,7 | -50...300 | Air (Gas) | Outlet temperature | 44C-80005A | Mfr. std | 23383-03 | |
| 19 | 44TT-8005042 | 1 | 4.2 | 1000 | 55 | 100 | 2,5 | 4,2 | -50...300 | Oil (Liquid) | Oil system temperature | 44C-80005B | Mfr. std | 23383-03 | |
| 20 | 44TT-8005003 | 1 | 4.2 | 1000 | 164 | 179 | 1,423 | 1,7 | -50...300 | Air (Gas) | Outlet temperature | 44C-80005B | Mfr. std | 23383-03 | |
| 21 | 44TT-8005043 | 1 | 4.2 | 1000 | 55 | 100 | 2,5 | 4,2 | -50...300 | Oil (Liquid) | Oil system temperature | 44C-80005C | Mfr. std | 23383-03 | |
| 22 | 44TT-8005004 | 1 | 4.2 | 1000 | 164 | 179 | 1,423 | 1,7 | -50...300 | Air (Gas) | Outlet temperature | 44C-80005C | Mfr. std | 23383-03 | |

Note. :

| | | | | | | | | | | | | | | |
|-----|----|------------|--------------|-------------------------|--|--|--------------------|--|--|---------------|----------|--|--|--|
| | | | | TEMPERATURE TRANSMITTER | | | | | | | | | | |
| 04 | SC | 13/04/2026 | For Approval | | | | | | | | | | | |
| 03 | LK | 11/12/2025 | For Approval | | | | | | | | | | | |
| 02 | LK | 06/10/2025 | For Approval | | | | | | | | | | | |
| 01 | LK | 20/06/2025 | For Approval | | | | | | | SHEET 7 OF 11 | | | | |
| No. | By | Date | Revision | | | | Doc. No.: 23383-12 | | | | Rev.: 04 | | | |

| | | | | |
|--------------------|----|--|---|----------------------------|
| GENERAL | 1 | Tag Number | Refer to next sheet | |
| | 2 | Service | Refer to next sheet | |
| | 3 | P&ID No. | Refer to next sheet | |
| | 4 | Area Classification | Zone 2, Ex'ia, IIC, T3 | |
| | 5 | Line No. or Vessel No. | Refer to next sheet | |
| | 6 | Pipe Class | Refer to next sheet | |
| PROCESS CONDITIONS | 7 | Fluid (State) | Refer to next sheet | |
| | 8 | Oper. Temperature (°C) | Max. Temperature | Refer to next sheet |
| | 9 | Oper. Pressure (kg/cm2) | Max. Pressure | Refer to next sheet |
| | 10 | Vibrations | N/A | |
| | 11 | Design Pressure (barg) | 4,2 barg | |
| | 12 | Design Temperature (°C) | 215 °C | |
| ELEMENT | 13 | Type | Sensor with lead wire, transition and relief spring | |
| | 14 | T/C | Type of thermocouple | Type 'K' |
| | 15 | | Accuracy class | DIN - IEC-EN 60584 Class 1 |
| | 16 | RTD | Material | Resistance |
| | 17 | | Wire Material/Gage | N/A |
| | 18 | | Accuracy | N/A |
| | 19 | Single/Double or Other | Double | |
| | 20 | Sheath Material / O.D | SS316 | 6 mm |
| | 21 | Sheath Length (Element Length) | Refer to next sheet | |
| | 22 | Type of cable | Armoured | |
| | 23 | Cable length | 10 m (some 12 m, see notes in list) | |
| | 24 | Process connection | Refer to next sheet | |
| HEAD | 25 | Type | N/A | |
| | 26 | Material | N/A | |
| | 27 | Terminal Block | N/A | |
| | 28 | Electrical connection | N/A | |
| | 29 | Extension Type | N/A | |
| | 30 | Nipple & Union Size | N/A | |
| | 31 | Nipple & Union Length | N/A | |
| | 32 | Spring Loaded | N/A | |
| | 33 | Enclosure Class | N/A | |
| | 34 | | | |
| WELL | 35 | Process Connection | N/A | |
| | 36 | Material (Well/Flange) | N/A | |
| | 37 | Sheating | Coating | N/A |
| | 38 | Construction Type | N/A | |
| | 39 | Internal Connection (Sensor connection) | N/A | |
| | 40 | Length Below Thread / Flanged (U Length) | N/A | |
| | 41 | T Length (Lagging Extension) | N/A | |
| | 42 | Bore Diameter | N/A | |
| | 43 | Tip Thickness | N/A | |
| | 44 | Max. Inertion Diameter | N/A | |
| | 45 | Min. Inertion Diameter | N/A | |
| | 46 | Tapered Length | N/A | |
| | 47 | Plug & Chain | N/A | |
| | 48 | Overall Length | N/A | |
| | 49 | Treatments | Finish | N/A |
| | 50 | Stamping | | |
| | 51 | Strength Calculation | N/A | |
| | 52 | Vent hole | N/A | |
| 53 | | | | |
| OPTIONS | 54 | Back-up Flange | N/A | |
| | 55 | Weldolet Fitting | N/A | |
| | 56 | | | |
| PURCHASE | 57 | Manufacturer | Rüeger | |
| | 58 | Model | S80-TC | |
| | 59 | | | |
| | 60 | | | |
| | 61 | | | |
| | 62 | | | |

Notes:
- Calibration, ATEX and IP certification to be included.

| | | | | | |
|-----|----|------------|--------------|--|---------------|
| 04 | SC | 13/04/2026 | For Approval | THERMOCOUPLE FOR TEMPERATURE TRANSMITTER | SHEET 8 OF 11 |
| 03 | LK | 11/12/2025 | For Approval | | |
| 02 | LK | 06/10/2025 | For Approval | | |
| 01 | LK | 20/06/2025 | For Approval | | |
| No. | By | Date | Revision | | |
| | | | Code: | Doc. No.: 23383-12 | Rev.: 04 |

| NO | TAG NO. | Q'TY | RANGE (°C) | TEMP. | | PRESS. | | U-length (mm) | FLUID (STATE) | SERVICE | LINE NO. / VESSEL NO. | Process connection | P&ID NO. | NOTES |
|----|--------------|------|---------------|-------|-----|--------|-------|------------------|-------------------|------------------------|--------------------------|-----------------------|----------|------------|
| | | | | Oper | MAX | Oper | MAX | | | | | | | |
| | | | | (°C) | | barg | | | | | | | | |
| 1 | 44TE-4001056 | 1 | -50...300 | 55 | 100 | 2,5 | 3,5 | 45 | Oil (Liquid) | Oil system temperature | 44C-40001A | 3/8" BSP | 23383-03 | |
| 2 | 44TE-4001057 | 1 | -50...300 | 189 | 204 | 1,903 | 2,2 | 100 | Nitrogen (Gas) | Outlet temperature | 44C-40001A | 1/2" BSP | 23383-03 | |
| 3 | 44TE-4001001 | 1 | 0...100 | 30 | 60 | 0 | 0,2 | 100 | Air (Gas) | Enclosure temperature | 44C-40001A | 1/2" BSP | 23383-03 | |
| 4 | 44TE-4002056 | 1 | -50...300 | 55 | 100 | 2,5 | 3,5 | 45 | Oil (Liquid) | Oil system temperature | 44C-40001B | 3/8" BSP | 23383-03 | |
| 5 | 44TE-4002057 | 1 | -50...300 | 189 | 204 | 1,903 | 2,2 | 100 | Air (Gas) | Outlet temperature | 44C-40001B | 1/2" BSP | 23383-03 | |
| 6 | 44TE-4002001 | 1 | 0...100 | 30 | 60 | 0 | 0,2 | 100 | Air (Gas) | Enclosure temperature | 44C-40001B | 1/2" BSP | 23383-03 | |
| 7 | 44TE-8004041 | 1 | -50...300 | 55 | 100 | 2,5 | 4,2 | 45 | Oil (Liquid) | Oil system temperature | 44C-80001A | 3/8" BSP | 23383-03 | |
| 8 | 44TE-8004001 | 1 | -50...300 | 167 | 182 | 1,473 | 1,7 | 100 | Air (Gas) | Outlet temperature | 44C-80001A | 1/2" BSP | 23383-03 | |
| 9 | 44TE-8004042 | 1 | -50...300 | 55 | 100 | 2,5 | 4,2 | 45 | Oil (Liquid) | Oil system temperature | 44C-80001B | 3/8" BSP | 23383-03 | |
| 10 | 44TE-8004003 | 1 | -50...300 | 167 | 182 | 1,473 | 1,7 | 100 | Air (Gas) | Outlet temperature | 44C-80001B | 1/2" BSP | 23383-03 | |
| 11 | 44TE-8004005 | 1 | -50...300 | 154 | 169 | 0,983 | 1,067 | 100 | Air (Gas) | Outlet temperature | 44C-80002A | 1/2" BSP | 23383-03 | |
| 12 | 44TE-8004007 | 1 | -50...300 | 154 | 169 | 0,983 | 1,067 | 100 | Air (Gas) | Outlet temperature | 44C-80002B | 1/2" BSP | 23383-03 | |
| 13 | 44TE-8004043 | 1 | -50...300 | 55 | 100 | 2,5 | 3,5 | 45 | Oil (Liquid) | Oil system temperature | 44C-80004A | 3/8" BSP | 23383-03 | |
| 14 | 44TE-8004009 | 1 | -50...300 | 205 | 220 | 2,213 | 3,5 | 100 | Air (Gas) | Outlet temperature | 44C-80004A | 1/2" BSP | 23383-03 | 12 m cable |
| 15 | 44TE-8004044 | 1 | -50...300 | 55 | 100 | 2,5 | 3,5 | 45 | Oil (Liquid) | Oil system temperature | 44C-80004B | 3/8" BSP | 23383-03 | |
| 16 | 44TE-8004011 | 1 | -50...300 | 205 | 220 | 2,213 | 3,5 | 100 | Air (Gas) | Outlet temperature | 44C-80004B | 1/2" BSP | 23383-03 | 12 m cable |
| 17 | 44TE-8005041 | 1 | -50...300 | 55 | 100 | 2,5 | 3,5 | 45 | Oil (Liquid) | Oil system temperature | 44C-80005A | 3/8" BSP | 23383-03 | |
| 18 | 44TE-8005001 | 1 | -50...300 | 164 | 179 | 1,423 | 1,7 | 100 | Air (Gas) | Outlet temperature | 44C-80005A | 1/2" BSP | 23383-03 | |
| 19 | 44TE-8005042 | 1 | -50...300 | 55 | 100 | 2,5 | 4,2 | 45 | Oil (Liquid) | Oil system temperature | 44C-80005B | 3/8" BSP | 23383-03 | |
| 20 | 44TE-8005003 | 1 | -50...300 | 164 | 179 | 1,423 | 1,7 | 100 | Air (Gas) | Outlet temperature | 44C-80005B | 1/2" BSP | 23383-03 | |
| 21 | 44TE-8005043 | 1 | -50...300 | 55 | 100 | 2,5 | 4,2 | 45 | Oil (Liquid) | Oil system temperature | 44C-80005C | 3/8" BSP | 23383-03 | |
| 22 | 44TE-8005004 | 1 | -50...300 | 164 | 179 | 1,423 | 1,7 | 100 | Air (Gas) | Outlet temperature | 44C-80005C | 1/2" BSP | 23383-03 | |

NOTES:

| | | | | | | | | | | |
|-----|----|------------|--------------|---|------------|---------------|--------|----|--|--|
| | | | | THERMOCOUPLE FOR TEMPERATURE TRANSMITTER | | | | | | |
| 04 | SC | 13/04/2026 | For Approval | | | | | | | |
| 03 | LK | 11/12/2025 | For Approval | | | | | | | |
| 02 | LK | 06/10/2025 | For Approval | | | | | | | |
| 01 | LK | 20/06/2025 | For Approval | | | SHEET 9 OF 11 | | | | |
| No. | By | Date | Revision | Code : | Doc. No. : | 23383-12 | Rev. : | 04 | | |

| | | | | | |
|----------------------------|---|------------------------|-------------------------------------|--------------------|------|
| GENERAL | 1 Tag Number | | Refer to next page | | |
| | 2 Service | | Refer to next page | | |
| | 3 P&ID No. | | Refer to next page | | |
| | 4 Line No. or Vessel No. | | Refer to next page | | |
| | 5 Pipe Class | | Refer to next page | | |
| PROCESS CONDITIONS | 6 Fluid (State) | | Refer to next page | | |
| | 7 Max. Pressure (BarG) | Max. Temperature (°C) | Refer to next page | Refer to next page | |
| | 8 Oper. Pressure (BarG) | Oper. Temperature (°C) | Refer to next page | Refer to next page | |
| | 9 Pulsation | Vibration | N/A | N/A | |
| | 10 Design Pressure (BarG) | Refer to next page | | | |
| GAUGE | 11 Design Temperature (°C) | | Refer to next page | | |
| | 12 Type | | Bourdon tube | | |
| | 13 Range | | Refer to next page | | |
| | 14 Figure Interval | | N/A | | |
| | 15 Minor Graduation | | N/A | | |
| | 16 Mounting | | Panel mounted with front flange | | |
| | 17 Dial Size | | 100 mm | | |
| | 18 Dial Color | | White, black numbers | | |
| | 19 Case Material | | SS316 | | |
| | 20 Ring Construction | Ring Material | Bayonet | SS316 | |
| | 21 Blow-Out Protection | | Yes @ back | | |
| | 22 Lens Material | | Shatterproof laminated safety glass | | |
| | 23 Pressure Element Type | | Bourdon tube | | |
| | 24 Pressure Element Material | | SS316 | | |
| | 25 Socket Material | | SS316 | | |
| 26 Process Connection Size | | 1/2" NPT-M | | | |
| 27 Connection Location | | Bottom back | | | |
| 28 Movement Material | | SS316 | | | |
| 29 Nominal Accuracy | | ±1,0 % of span | | | |
| 30 Over Range Protection | | 1,3 x full scale value | | | |
| 31 NACE Requirement | | N/A | | | |
| 32 Accuracy | | ±1,0 % of span | | | |
| DIAPHRAGM SEAL | 33 Type | | N/A | | |
| | 34 Process Connection | | N/A | | |
| | 35 Diaphragm Material | | N/A | | |
| | 36 Fill Fluid (including Allowable condition) | | N/A | | |
| | 37 Flushing Connection | | N/A | | |
| | 38 Capillary Length | | N/A | | |
| | 39 Capillary Material | | N/A | | |
| | 40 Bottom Housing Material | | N/A | | |
| | 41 Top Housing Material | | N/A | | |
| | 42 Connection to Instrument | | N/A | | |
| OPTIONS | 43 | | | | |
| | 44 | | | | |
| | 45 Syphon: Type | Material | N/A | N/A | |
| | 46 Snubber: Type | Material | N/A | N/A | |
| | 47 Gauge Union | | N/A | | |
| 48 Manifold Valve Type | Material | Size | 2-way B&B manifold | SS316 | 1/2" |
| 49 Liquid Filled Type | | Yes, Glycerine | | | |
| 50 Flush Ring | | N/A | | | |
| PURCHASE | 51 Manufacturer | | Wika | | |
| | 52 Model | | 233.30 | | |
| | 53 | | | | |
| | 54 | | | | |
| 55 | | | | | |

Notes:
- Calibration, 3.1 material test, and IP certification to be included with gauges

| | | | | | | | |
|-----|----|------------|--------------|----------------|--------------------|----------|----------------|
| | | | | PRESSURE GAUGE | | | |
| 04 | SC | 13/04/2026 | For Approval | | | | |
| 03 | LK | 11/12/2025 | For Approval | | | | |
| 02 | LK | 06/10/2025 | For Approval | | | | |
| 01 | LK | 20/06/2025 | For Approval | | | | SHEET 10 OF 11 |
| No. | By | Date | Description | Code: | Doc. No.: 23383-12 | Rev.: 04 | |

| NO | TAG NO. | Q'TY | Range (barg) | OPERATING | | FLUID (STATE) | SERVICE | LINE NO. OR VESSEL NO. | PIPING CLASSIFICATION | P&ID NO. | NOTES |
|----|--------------|------|--------------|-------------------------|--------------------|----------------|-------------------------------------|------------------------|-----------------------|----------|-------|
| | | | | PRESSURE NOR/MAX (barg) | TEMP. NOR/MAX (°C) | | | | | | |
| 1 | 44PI-4001004 | 1 | -1...0,6 | 0 / 0,2 | 48 / 53 | Nitrogen (Gas) | Nitrogen compressor inlet pressure | 44C-40001A | Mfr. std | 23383-03 | |
| 2 | 44PI-4001055 | 1 | 0...6 | 2,5 / 3,5 | 55/100 | Oil (Liquid) | Nitrogen compressor oil pressure | 44C-40001A | Mfr. std | 23383-03 | |
| 3 | 44PI-4001012 | 1 | 0...4 | 1,76 / 1,89 | 189 / 199 | Nitrogen (Gas) | Nitrogen compressor outlet pressure | 44C-40001A | Mfr. std | 23383-03 | |
| 4 | 44PI-4002008 | 1 | -1...0,6 | 0 / 0,2 | 48 / 53 | Nitrogen (Gas) | Nitrogen compressor inlet pressure | 44C-40001B | Mfr. std | 23383-03 | |
| 5 | 44PI-4002009 | 1 | 0...6 | 2,5 / 3,5 | 55/100 | Oil (Liquid) | Nitrogen compressor oil pressure | 44C-40001B | Mfr. std | 23383-03 | |
| 6 | 44PI-4002007 | 1 | 0...4 | 1,76 / 1,89 | 189 / 199 | Nitrogen (Gas) | Nitrogen compressor outlet pressure | 44C-40001B | Mfr. std | 23383-03 | |
| 7 | 44PI-8004001 | 1 | -1...0,6 | 0 / 0,2 | 48 / 53 | Air (Gas) | Air compressor inlet pressure | 44C-80001A | Mfr. std | 23383-03 | |
| 8 | 44PI-8004041 | 1 | 0...6 | 2,5 / 4,2 | 55/100 | Oil (Liquid) | Air compressor oil pressure | 44C-80001A | Mfr. std | 23383-03 | |
| 9 | 44PI-8004002 | 1 | 0...6 | 1,473 / 4,2 | 167 / 177 | Air (Gas) | Air compressor outlet pressure | 44C-80001A | Mfr. std | 23383-03 | |
| 10 | 44PI-8004005 | 1 | -1...0,6 | 0 / 0,2 | 48 / 53 | Air (Gas) | Air compressor inlet pressure | 44C-80001B | Mfr. std | 23383-03 | |
| 11 | 44PI-8004042 | 1 | 0...6 | 2,5 / 4,2 | 55/100 | Oil (Liquid) | Air compressor oil pressure | 44C-80001B | Mfr. std | 23383-03 | |
| 12 | 44PI-8004006 | 1 | 0...6 | 1,473 / 2,8 | 167 / 177 | Air (Gas) | Air compressor outlet pressure | 44C-80001B | Mfr. std | 23383-03 | |
| 13 | 44PI-8004009 | 1 | -1...0,6 | 0 / 0,2 | 48 / 53 | Air (Gas) | Roots blower inlet pressure | 44C-80002A | Mfr. std | 23383-03 | |
| 14 | 44PI-8004010 | 1 | 0...4 | 0,983 / 1,067 | 154 / 164 | Air (Gas) | Roots blower outlet pressure | 44C-80002A | Mfr. std | 23383-03 | |
| 15 | 44PI-8004013 | 1 | -1...0,6 | 0 / 0,2 | 48 / 53 | Air (Gas) | Roots blower inlet pressure | 44C-80002B | Mfr. std | 23383-03 | |
| 16 | 44PI-8004014 | 1 | 0...4 | 0,983 / 1,067 | 154 / 164 | Air (Gas) | Roots blower outlet pressure | 44C-80002B | Mfr. std | 23383-03 | |
| 17 | 44PI-8004017 | 1 | -1...0,6 | 0 / 0,2 | 48 / 53 | Air (Gas) | Air compressor inlet pressure | 44C-80004A | Mfr. std | 23383-03 | |
| 18 | 44PI-8004043 | 1 | 0...6 | 2,5 / 3,5 | 55/100 | Oil (Liquid) | Air compressor oil pressure | 44C-80004A | Mfr. std | 23383-03 | |
| 19 | 44PI-8004018 | 1 | 0...6 | 2,213 / 3,5 | 205 | Air (Gas) | Air compressor outlet pressure | 44C-80004A | Mfr. std | 23383-03 | |
| 20 | 44PI-8004021 | 1 | -1...0,6 | 0 / 0,2 | 48 / 53 | Air (Gas) | Air compressor inlet pressure | 44C-80004B | Mfr. std | 23383-03 | |
| 21 | 44PI-8004044 | 1 | 0...6 | 2,5 / 3,5 | 55/100 | Oil (Liquid) | Air compressor oil pressure | 44C-80004B | Mfr. std | 23383-03 | |
| 22 | 44PI-8004022 | 1 | 0...6 | 2,213 / 3,5 | 205 | Air (Gas) | Air compressor outlet pressure | 44C-80004B | Mfr. std | 23383-03 | |
| 23 | 44PI-8005001 | 1 | -1...0,6 | 0 / 0,2 | 48 / 53 | Air (Gas) | Air compressor inlet pressure | 44C-80005A | Mfr. std | 23383-03 | |
| 24 | 44PI-8005041 | 1 | 0...6 | 2,5 / 2,8 | 55/100 | Oil (Liquid) | Air compressor oil pressure | 44C-80005A | Mfr. std | 23383-03 | |
| 25 | 44PI-8005002 | 1 | 0...6 | 1,423 / 4,2 | 164 / 174 | Air (Gas) | Air compressor outlet pressure | 44C-80005A | Mfr. std | 23383-03 | |
| 26 | 44PI-8005005 | 1 | -1...0,6 | 0 / 0,2 | 48 / 53 | Air (Gas) | Air compressor inlet pressure | 44C-80005B | Mfr. std | 23383-03 | |
| 27 | 44PI-8005042 | 1 | 0...6 | 2,5 / 2,8 | 55/100 | Oil (Liquid) | Air compressor oil pressure | 44C-80005B | Mfr. std | 23383-03 | |
| 28 | 44PI-8005006 | 1 | 0...6 | 1,423 / 4,2 | 164 / 174 | Air (Gas) | Air compressor outlet pressure | 44C-80005B | Mfr. std | 23383-03 | |
| 29 | 44PI-8005007 | 1 | -1...0,6 | 0 / 0,2 | 48 / 53 | Air (Gas) | Air compressor inlet pressure | 44C-80005C | Mfr. std | 23383-03 | |
| 30 | 44PI-8005043 | 1 | 0...6 | 2,5 / 2,8 | 55/100 | Oil (Liquid) | Air compressor oil pressure | 44C-80005C | Mfr. std | 23383-03 | |
| 31 | 44PI-8005008 | 1 | 0...6 | 1,423 / 4,2 | 164 / 174 | Air (Gas) | Air compressor outlet pressure | 44C-80005C | Mfr. std | 23383-03 | |

Note. :

| No. | By | Date | Description | Code : | Doc. No.: | 23383-12 | Rev.: | 04 |
|-----|----|------------|--------------|----------------|-----------|----------|-------|----------------|
| 04 | SC | 13/04/2026 | For Approval | PRESSURE GAUGE | | | | SHEET 11 OF 11 |
| 03 | LK | 11/12/2025 | For Approval | | | | | |
| 02 | LK | 06/10/2025 | For Approval | | | | | |
| 01 | LK | 20/06/2025 | For Approval | | | | | |