■ PROFIBUS PA
  – Junctions
  – Connectors
  – Accessories

■ PROFIBUS DP
  – Junctions
  – Connectors
  – Accessories

■ PROFIBUS DP/PA
  – Accessories
The PROFIBUS PA T-Connectors are available as Standard and Ex(Haz.) version. They are used for coupling 1 up to 4 transmitters to the PA trunk via spurs. The spurs can optionally be connected by an M12 connection or directly via the EMC cable gland.

- Non-interrupted BUS operation when exchanging or extending a PA transmitter
- Easy to use
- Low installation costs
- External grounding cable
- Pressure-compensation element
- EMC cable gland
- Tension spring connection
- Aluminium (standard) housing
- Non-Ex design (integrated bus termination, switchable)
- Ex(Haz.) design acc. to ATEX (external bus termination with NPZ100-EX)

**Recommendation of mounting**

Shield is connected to the enclosure via the EMC cable glands.
Thread the cable gland onto the seal, on the unprepared fieldbus cable
Strip fieldbus cable here
Draw back the shielding braid over the sheath of the fieldbus cable

**Technical data**

- **Temperature range**: -40...+85°C
- **Operating temperature**: IP 66
- **Material of housing**: high-quality aluminium alloy (AL-Si 12)
- **Surface**: stove-enamelled RAL 7001
- **PROFIBUS PA connection**: tension spring 0.5...1.5 mm²
- **Cable bushing**: EMC cable gland M16
- **Clamping area**: 5.5...9.6 mm
- **Measuring instrument connector**: M12 x 1, 4pin contacts brass, surface CuZnAu

**Installation advice**

- **Torques**
  - M16 cable gland on housing: 6.25 Nm
  - Coupling ring M16 cable gland: 4.5 Nm
  - Housing lid: 1.8...2.0 Nm
  - External earthing cable: 1.8...2.0 Nm

*Use ferrules!*
NPJ120-NO (JPN120) PROFIBUS PA Junction – Non-Ex version, with bus termination

The Transmitter (spur, 1-way) are connected using M12 connection.

NPJ130-NO (JPN130) PROFIBUS PA Junction – Non-Ex version, with bus termination

The Transmitter (spur, 1-way) are connected using cable bushing.

NPJ420-NO (JPN420) PROFIBUS PA Junction – Non-Ex version, with bus termination

The Transmitter (spurs, 4-way) are connected using M12 connection.

NPJ460-NO (JPN460) PROFIBUS PA Junction – Non-Ex version, with bus termination

The Transmitter (spurs, 4-way) are connected using cable bushing.

All drawings not scaled! All units in millimeter!
Recommendation of mounting:

- Shield is connected to the enclosure via the EMC cable glands.
- Thread the cable gland onto the seal, on the unprepared fieldbus cable.
- Strip fieldbus cable here.
- Draw back the shielding braid over the sheath of the fieldbus cable.

Technical data

- **Temperature range**: -40...+80°C
- **Operating temperature**: -40...+80°C
- **Type of protection**: IP 66
- **Material of housing**: high-quality aluminium alloy (AL-Si 12)
- **Surface**: stove-enamelled RAL 5015
- **PROFIBUS PA connection**: tension spring 0.5...1.5 mm²
- **Cable bushing**: EMC cable gland M16
- **Clamping area**: 5.5...9.6 mm
- **Measuring instrument connector M12 x 1, 4pin contacts**: brass, surface CuZnAu
- **ATEX Certification**: II 2 G Ex ia IIC T6

Installation advice

- **Torques**:
  - M16 cable gland on housing: 6.25 Nm
  - Coupling ring M16 cable gland: 4.5 Nm
  - Housing lid: 1.8...2.0 Nm
  - Adapter / spur cable: hand-tight
  - External earthing cable: 1.8...2.0 Nm

Use ferrules!
NPJ120-EX (JPE120-Ex)  PROFIBUS PA Junction – Ex area EEx (ia) ATEX, without bus termination

The Transmitter (spur, 1-way) are connected using M12 connection.

NPJ130-EX (JPE130-Ex)  PROFIBUS PA Junction – Ex area EEx (ia) ATEX, without bus termination

The Transmitter (spur, 1-way) are connected using cable bushing.

NPJ420-EX (JPE420-Ex)  PROFIBUS PA Junction – Ex area EEx (ia) ATEX, without bus termination

The Transmitter (spurs, 4-way) are connected using M12 connection.

NPJ460-EX (JPE460-Ex)  PROFIBUS PA Junction – Ex area EEx (ia) ATEX, without bus termination

The Transmitter (spurs, 4-way) are connected using cable bushing.

All drawings not scaled! All units in millimeter!
NPZ100-EX (APE100-Ex) PROFIBUS PA Bus Terminator – Ex area EEx (ia) ATEX

**Technical data**
- Temperature range/operating temperature: -40...+80 °C
- Type of protection: IP 66
- Material of housing: high-quality aluminium alloy (AL-Si 12)
- Surface: black powder coated
- Connecting cable: 2 x 0.14 mm²
- Cable bushing: Bus adapter M16
- ATEX Certification: II 2 G EEx ia IIC T6, II 2 G EEx m II T6

**Installation advice**
- Torques:
  - M16 adapter on the housing: 6.0 Nm
  - External earthing cable (if necessary): 1.8...2.0 Nm

All drawings not scaled! All units in millimeter!
NPE100-NE (EPG100) PROFIBUS PA Plug - M12, metal case, for Ex (Haz.) and Non-Ex area

Technical data

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poles</td>
<td>4 Poles, PA code</td>
</tr>
<tr>
<td>Type of connection</td>
<td>screwed</td>
</tr>
<tr>
<td>Cross-sectional area of connection</td>
<td>0.75 mm²</td>
</tr>
<tr>
<td>Connecting thread</td>
<td>M12</td>
</tr>
<tr>
<td>Contact surface</td>
<td>CuZnAu</td>
</tr>
<tr>
<td>Housing protection to DIN 40050 IEC 529</td>
<td>IP 67 with cable Ø 4...9 mm</td>
</tr>
<tr>
<td>Material of housing</td>
<td>Cu Zn surface nickel</td>
</tr>
<tr>
<td>inflammability to UL-94</td>
<td>V-2</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>-25 °C...+85 °C</td>
</tr>
<tr>
<td>Rated current per contact</td>
<td>3 A</td>
</tr>
<tr>
<td>Nominal voltage to VDE standard 0110/ISO group C</td>
<td>125 V – 150 V = KC 600 ≤ 8 MΩ</td>
</tr>
<tr>
<td>Tracking resistance</td>
<td>≥ 10¹⁰ Ω</td>
</tr>
<tr>
<td>Insulation resistance to IEC 512 part 2</td>
<td>Torques</td>
</tr>
<tr>
<td>Volume resistivity to IEC512 part 2</td>
<td>Hand-tight!</td>
</tr>
</tbody>
</table>

Material of housing Cu Zn surface nickel

Operating temperature -25 °C...+85 °C

Rated current per contact 3 A

Nominal voltage to VDE standard 0110/ISO group C 125 V – 150 V = KC 600 ≤ 8 MΩ ≥ 10¹⁰ Ω

Tracking resistance ≥ 10¹⁰ Ω

Insulation resistance to IEC 512 part 2 Torques Hand-tight!

Volume resistivity to IEC512 part 2 Hand-tight!

Insulation resistance to IEC 512 part 2 Torques Hand-tight!

Torques Hand-tight!

Screw terminals 0.4 Nm

Coupling ring PG cable gland 4.0 Nm

Knurled screw Hand-tight!

Dimensions

Recommendation of mounting

Sequene of mounting:

1. Put the fieldbuscable through pressure screw, terminal clamp, washer, shielding with washer.

2. Caution: Only for EMV! Strip the fieldbuscable here, lay the shield over the shieldring. Cut the rest of the shield. Shield can be connected, as drawing, with pin S of the plug and socket connector. Prepare the cable as shown in the drawing.

3. Put prepared ends of the cable through the coupling sleeve. It’s possible to use an isolating tube for the cable ends. Put shielding with washer and shield into the coupling sleeve. Put washer, terminal clamp and pressure screw together. Then fix the pressure screw.

4. Fix the cable ends at the pins A, B, S of the plug and socket connector. Screw coupling sleeve and part with pins A, B, S together.

All drawings not scaled! All units in millimeter!
NPE300-NE (EPG300) PROFIBUS PA Socket – M12, metal case, for Ex (Haz.) and Non-Ex area

Technical data

<table>
<thead>
<tr>
<th>Pole</th>
<th>Type of connection</th>
<th>Cross-sectional area of connection</th>
<th>Connecting thread</th>
<th>Contact surface</th>
<th>Material of housing</th>
<th>Housing protection to DIN 40050 IEC 529</th>
<th>Operating temperature</th>
<th>Rated current per contact</th>
<th>Nominal voltage to VDE standard 0110/ISO group C</th>
<th>Tracking resistance</th>
<th>Volume resistivity to IEC512 part 2</th>
<th>Insulation resistance to IEC 512 part 2</th>
<th>Material of housing</th>
<th>Inflammability to UL-94 V-2</th>
<th>Operating temperature</th>
<th>Rated current per contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 Poles, PA code screwed</td>
<td>3 A</td>
<td>0.75 mm²</td>
<td>M12</td>
<td>CuZnAu</td>
<td>IP 67 with cable Ø 4...9 mm</td>
<td>Cu Zn surface nickel</td>
<td>-25 °C...+85 °C</td>
<td>125 V – 150 V</td>
<td>≤ 8 MΩ</td>
<td>≥ 10⁶ Ω</td>
<td>Screw terminals 0.4 Nm</td>
<td>Coupling ring PG cable gland 4.0 Nm</td>
<td>hand-tight</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Installation advice

1. Put the fieldbus cable through pressure screw, terminal clamp, washer, shieldring with washer.
2. Caution: Only for EMV! Strip the fieldbus cable here and lay the shield over the shielding. Cut the rest of the shield. Shield can be connected, as drawing, with socket S. Prepare the cable as shown in the drawing.
3. Put prepared wires and perhaps isolated shield through the coupling sleeve. Put shielding with washer and shield into the coupling shield. Then fix the pressure screw.
4. Fix the cable ends at the socket pins A, B, S. Screw the coupling sleeve, fixed screw and the part with the sockets together.

Dimensions

Recommendation of mounting

View to connecting piece

Frontview of the socket

All drawings not scaled! All units in millimeter!
The PROFIBUS DP T-Connectors are available as Aluminium and Stainless Steel version. They are used for coupling one transmitter to the DP trunk via spurs. The spurs can optionally be connected by an M12 connection or directly via the EMC cable gland (for Aluminium version only).

- Non-interrupted BUS operation when exchanging a DP transmitter, as well as the last DP Transmitter by an active bus termination.
- Easy to use
- Low installation costs
- External grounding cable
- Pressure-compensation element
- EMC cable gland (for Aluminium version only)
- Tension spring connection
- Standard design (integrated bus termination) Version as active bus termination (integrated Power supply)
- Aluminum (Standard) and Stainless Steel version

**NDJ120-NO, NDJ122-NO, NDJ130-NO, NDJ132-NO – PROFIBUS DP Junctions – Aluminium housing**

**Recommendation of mounting**

Shield is connected to the enclosure via the EMC cable glands.
Thread the cable gland onto the seal, on the unprepared

Strip fieldbus cable here

Draw back the shielding braid over the sheath of the fieldbus cable

**Technical data**

- Temperature range
  -40...+85 °C (NDJ120-NO, NDJ130-NO)
  -25...+70 °C (Term 24 V; NDJ122-NO, NDJ132-NO)
- Operating temperature
- Type of protection IP 66
- Material of housing high-quality aluminium alloy (AL-Si 12)
- Surface stove-enamelled RAL 7001
- PROFIBUS DP connection tension spring 0.5...1.5 mm²
- Cable bushing EMC cable gland M16
- Clamping area 5.5...9.5 mm
- Transmitter connector M12 x 1, 5pin, DP code contacts brass, surface CuZnAu
- Supply voltage Term 24 V 24 V DC +/-10%
- Charging rate at supply unit 24 V DC Ie = 10 mA +/-10% at bus utilisation until 32 participants
- Spur lines (L) until 1500 kBit/s ! per spur max. 0.25 m, max. Over-all spur lines 6.60 m per DP segment

**Installation advice**

- Torques
  - M16 cable gland on housing 6.25 Nm
  - Coupling ring M16 cable gland 4.5 Nm
  - Adapter spur cable hand tight
  - Housing cover 1.8...2.0 Nm
  - External earthing connection 1.8...2.0 Nm
**NDJ120-NO** PROFIBUS DP Junction – Aluminium housing, without bus termination

The Transmitter (spur, 1-way) are connected using M12 connection.

**NDJ122-NO** PROFIBUS DP Junction – Aluminium housing, with active bus termination (24 V DC)

The Transmitter (spur, 1-way) are connected using M12 connection.

**NDJ130-NO** PROFIBUS DP Junction – Aluminium housing, without bus termination

The Transmitter (spur, 1-way) are connected using cable bushing.

**NDJ132-NO** PROFIBUS DP Junction – Aluminium housing, with active bus termination (24 V DC)

The Transmitter (spur, 1-way) are connected using cable bushing.

All drawings not scaled! All units in millimeter!
**NDJ120-NOS, NDJ122-NOS – PROFIBUS DP Junctions – Stainless steel housing**

**Recommendation of mounting**
- Pressurescrew, rubber washer must be put on the unprepared fieldbus cable
- Stripped fieldbus cable
- Shield will be connected with terminal S to the housing
- Use ferrules!

**Technical data**
- **Temperature range**
  - Operating temperature: -40...+85 °C (NDJ120-NOS)
  - Operating temperature: -25...+70 °C (Term 24 V: NDJ122-NOS)
- **Type of protection**: IP 66
- **Material of housing**: stainless steel 1.4571
- **Surface**: polished
- **PROFIBUS DP connection**: tension spring 0.5...1.5 mm
- **Cable bushing**: plastic screwed cable gland M16
- **Clamping area**: 5.5...9.5 mm
- **Transmitter connector**: M12 x 1, 5pin, DP code
- **Supply voltage Term 24 V**: 24 V DC +/-10%
- **Charging rate at supply unit 24 V DC**: Ie = 10 mA +15% at bus utilisation until 32 participants
- **Spur lines (Lc) until 1500 kBit/s**
  - per spur max. 0.25 m,
  - max. Over-all spur lines 6.60 m per DP segment

**Installation advice**
- **Torques**
  - M16 plastic screw cable gland on housing: 3.75 Nm
  - Coupling ring M16 cable gland: 2.5 Nm
  - Adapter spur cable: hand tight
  - Housing cover: 1.8...2.0 Nm
  - External earthing connection: 1.8...2.0 Nm
**NDJ120-NOS PROFIBUS DP Junction – Stainless steel housing, without bus termination**

The Transmitter (spur, 1-way) are connected using M12 connection.

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**NDJ122-NOS PROFIBUS DP Junction – Stainless steel housing, with active bus termination (24 V DC)**

The Transmitter (spur, 1-way) are connected using M12 connection.

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All drawings not scaled! All units in millimeter!
NDE100-NE PROFIBUS DP Plug – M12, metal case, for Ex (Haz.) and Non-Ex area

Technical data

- Poles: 5 Poles, DP code
- Type of connection: screwed
- Cross-sectional area of connection: 0.75 mm²
- Connecting thread: M12
- Contact surface: CuZnAu
- Housing protection to DIN 40050 IEC 529: IP 67 with cable Ø 4...9 mm
- Material of housing: Cu Zn surface nickel
- Inflammability to UL-94: V-2
- Operating temperature: -25 °C...+85 °C
- Rated current per contact: 3 A
- Nominal voltage to VDE standard 0110/ISO group C: 125 V – 150 V
- Tracking resistance KC 600
- Volume resistivity to IEC512 part 2: ≤ 8 MΩ
- Insulation resistance to IEC 512 part 2: ≥ 10¹⁰ Ω

Installation advice

- Screw terminals: 0.4 Nm
- Coupling ring PG cable gland: 4.0 Nm
- Knurled screw: hand-tight

Torques

Frontview of plug and socket connector

All drawings not scaled! All units in millimeter!

PROTECTION REMARK TO DIN 34 MUST BE OBSERVED
### PROFIBUS DP Connectors

<table>
<thead>
<tr>
<th>NDE210-NO</th>
<th>NDE220-NO</th>
<th>NDE230-NO</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Application</strong></td>
<td>PROFIBUS DP Connector</td>
<td>PROFIBUS DP Connector</td>
</tr>
<tr>
<td><strong>IndustriAllT enabled</strong></td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Connector</strong></td>
<td>9-pos. D-SUB male connector</td>
<td>9-pos. D-SUB male connector</td>
</tr>
<tr>
<td><strong>Programming connector</strong></td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td><strong>Terminal resistance</strong></td>
<td>--</td>
<td>220 Ω / 390 Ω, resistor can be enabled externally</td>
</tr>
<tr>
<td><strong>Cable feed</strong></td>
<td>selectable right or left, 35 °</td>
<td>selectable right or left, 35 °</td>
</tr>
<tr>
<td><strong>Terminal blocks</strong></td>
<td>Screw-cage</td>
<td>Screw-cage</td>
</tr>
<tr>
<td><strong>Conductor cross-section</strong></td>
<td>solid: 0.14...1.5 mm², flexible: 0.14...1 mm², AWG: 26...16</td>
<td>solid: 0.14...1.5 mm², flexible: 0.14...1 mm², AWG: 26...16</td>
</tr>
<tr>
<td><strong>Cable diameter</strong></td>
<td>max. / min.: 8 mm (± 0.4 mm)</td>
<td>max. / min.: 8 mm (± 0.4 mm)</td>
</tr>
<tr>
<td><strong>Bus cable</strong></td>
<td>The connector is specified for cable type A according to EN 50 170 (see data sheet 10/63-6.46 EN)</td>
<td></td>
</tr>
<tr>
<td><strong>Temperature range</strong></td>
<td>-20...+70 °C</td>
<td>-20...+70 °C</td>
</tr>
<tr>
<td><strong>Degree of protection</strong></td>
<td>IP 40</td>
<td>IP 40</td>
</tr>
<tr>
<td><strong>Housing material</strong></td>
<td>ABS, metal-plated</td>
<td>ABS, metal-plated</td>
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<tr>
<td><strong>Connector cycles</strong></td>
<td>&gt; 200</td>
<td>&gt; 200</td>
</tr>
<tr>
<td><strong>Explosion protection</strong></td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td><strong>FISCO approval</strong></td>
<td>CE acc. LVD (UL, C-UL in preparation)</td>
<td>CE (acc. LVD), UL, C-UL</td>
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<tr>
<td><strong>Protocol</strong></td>
<td>RS 485</td>
<td>RS 485</td>
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<tr>
<td><strong>Max. Baud Rate</strong></td>
<td>12 Mbit/s</td>
<td>12 Mbit/s</td>
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<tr>
<td><strong>Max. voltage</strong></td>
<td>60 V AC/DC</td>
<td>60 V AC/DC</td>
</tr>
<tr>
<td><strong>Max. current</strong></td>
<td>1 A</td>
<td>1 A</td>
</tr>
</tbody>
</table>

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**Function block diagram (NDE220-NO)**

**Dimensional diagram**

**Construction (NDE230-NO)**

*) NDE230-NO All units in millimeter!
NDZ411-NE (APG411) Protecting Cap for all plugs M12, plastic

NDZ413-NE (APG413) Protecting Cap for all sockets M12, plastic
## Ordering information

### PROFIBUS PA Junctions

<table>
<thead>
<tr>
<th>Model</th>
<th>Catalog No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPJ120-NO (JPN120)</td>
<td>63644-9890101</td>
<td>PA T(one-way) junction, 2 x cable bushing and 1 x socket M12 incl. switchable bus termination</td>
</tr>
<tr>
<td>NPJ130-NO (JPN130)</td>
<td>63644-9890102</td>
<td>PA T(one-way) junction, 3 x cable bushing incl. switchable bus termination</td>
</tr>
<tr>
<td>NPJ420-NO (JPN420)</td>
<td>63644-9890103</td>
<td>PA four-way junction, 2 x cable bushing and 4 x socket M12 incl. switchable bus termination</td>
</tr>
<tr>
<td>NPJ460-NO (JPN460)</td>
<td>63644-9890104</td>
<td>PA four-way junction, 6 x cable bushing incl. switchable bus termination</td>
</tr>
<tr>
<td>NPJ120-EX (JPE120-Ex)</td>
<td>63644-9890105</td>
<td>PA T(one-way) junction, 2 x cable bushing and 1 x socket M12 for the Ex area</td>
</tr>
<tr>
<td>NPJ130-EX (JPE130-Ex)</td>
<td>63644-9890106</td>
<td>PA T(one-way) junction, 3 x cable bushing for the Ex area</td>
</tr>
<tr>
<td>NPJ420-EX (JPE420-Ex)</td>
<td>63644-9890107</td>
<td>PA four-way junction, 2 x cable bushing and 4 x socket M12 for the Ex area</td>
</tr>
<tr>
<td>NPJ460-EX (JPE460-Ex)</td>
<td>63644-9890108</td>
<td>PA four-way junction, 6 x cable bushing for the Ex area</td>
</tr>
<tr>
<td>NPZ100-EX (APE100-Ex)</td>
<td>63644-9890120</td>
<td>PA bus termination for the Ex area, for junction modules NPJ_ _0-EX</td>
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</tbody>
</table>

### PROFIBUS PA Connectors

<table>
<thead>
<tr>
<th>Model</th>
<th>Catalog No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPE100-NE (EPI100)</td>
<td>63644-9890115</td>
<td>PA plug for cable, metal case, M12, for Ex and Non-Ex area</td>
</tr>
<tr>
<td>NPE300-NE (EPG300)</td>
<td>63644-9890116</td>
<td>PA socket for cable, metal case, M12, for Ex and Non-Ex area</td>
</tr>
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Ordering information

<table>
<thead>
<tr>
<th>PROFIBUS DP Junctions</th>
<th>Catalog No.</th>
</tr>
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<tbody>
<tr>
<td>NDJ120-NO</td>
<td>(856435)</td>
</tr>
<tr>
<td>DP T(one-way) junction, 2 x cable bushing and 1 x socket M12 without bus termination, aluminum housing</td>
<td></td>
</tr>
<tr>
<td>NDJ122-NO</td>
<td>(856433)</td>
</tr>
<tr>
<td>DP T(one-way) junction, 2 x cable bushing and 1 x socket M12 incl. active fix bus termination (24 V DC supply), aluminum housing</td>
<td></td>
</tr>
<tr>
<td>NDJ130-NO</td>
<td>(856434)</td>
</tr>
<tr>
<td>DP T(one-way) junction, 3 x cable bushing without bus termination, aluminum housing</td>
<td></td>
</tr>
<tr>
<td>NDJ132-NO</td>
<td>(856429)</td>
</tr>
<tr>
<td>DP T(one-way) junction, 3 x cable bushing incl. active fix bus termination (24 V DC supply), aluminum housing</td>
<td></td>
</tr>
<tr>
<td>NDJ120-NOS</td>
<td>(871427)</td>
</tr>
<tr>
<td>DP T(one-way) junction 2 x cable bushing (plastic) and 1 x socket M12 (Stainless steel) without bus termination, Stainless steel housing</td>
<td></td>
</tr>
<tr>
<td>NDJ122-NOS</td>
<td>(871425)</td>
</tr>
<tr>
<td>DP T(one-way) junction 2 x cable bushing (plastic) and 1 x socket M12 (Stainless steel) incl. active fix bus termination (24 V DC supply), Stainless steel housing</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>PROFIBUS DP connectors</th>
<th>Catalog No.</th>
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<tbody>
<tr>
<td>NDE210-NO</td>
<td>(2744597)</td>
</tr>
<tr>
<td>DP plug, 9-pos. SUB-D, IP 40, max. 12 MBd, 35° cable outlet without bus termination</td>
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<tr>
<td>NDE220-NO</td>
<td>(2708232)</td>
</tr>
<tr>
<td>DP plug, 9-pos. SUB-D, IP 40, max. 12 MBd, 35° cable outlet incl. switchable bus termination</td>
<td></td>
</tr>
<tr>
<td>NDE230-NO</td>
<td>(2708245)</td>
</tr>
<tr>
<td>DP plug, 9-pos. SUB-D, IP 40, max. 12 MBd, 35° cable outlet incl. switchable bus termination, programming connection SUB-D</td>
<td></td>
</tr>
<tr>
<td>S900-BP910S</td>
<td>see list 17.5</td>
</tr>
<tr>
<td>DP plug for EEx i (blue!), For operating the intrinsic safety PROFIBUS DP max. 1.5 MBd, connectable terminating resistor</td>
<td></td>
</tr>
<tr>
<td>NDE100-NE</td>
<td>(178479)</td>
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<td>DP plug for cable, metal case, M12, for Ex and Non-Ex area</td>
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<th>PROFIBUS general accessories</th>
<th>Catalog No.</th>
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<td>NDZ411-NE (APG411)</td>
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<td>Packiing unit 30 pcs., Order quantity: 30, 60, 90, ...pcs. protecting cap for all plugs M12, plastic</td>
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