


VALVE CONNECTORS

SVS

- Field-wireable
- Convenient connection, screw terminals
- for pressure switches

Approvals: 

Form A (18 mm)




| 1 Form | 29281 | 29301 | 29441 | 29461 |
|---|--|------------------------------|----------------------------|-------------------------------------|
| Type | 24...230 V AC/DC | 24...230 V AC/DC | 24 V AC/DC | 24 V AC/DC |
| | LED red (2) green (3) | LED red (2) green (3) | LED green (1) yellow (3) | LED green (1) yellow (3) |
| | metric | PG 9 | metric | PG 9 |
| Circuit diagram | | | | |
| Contact layout | | | | |
| Technical Data | | | | |
| Operating voltage | 24...230 V AC/DC | | 24 V AC/DC ±25 % | |
| Operating current per contact | max. 4 A | | | |
| Sealing range (cable diameter) | 5...10 mm | 6...8 mm | 5...10 mm | 6...8 mm |
| Locking of ports | M3 (recommended torque 0.4 Nm) | | | |
| Compression gland | M16 × 1.5 mm | PG 9; (PG11, NPT 1/2" o. r.) | M16 × 1.5 mm | PG 9; (PG11, NPT 1/2" o. r.) |
| Protection | IP65 inserted and tightened (EN 60529), with gland | | | |
| Temperature range | -20...+60 °C | | | |
| Article No. | | | | |
| The composition of your article number is explained on page 3.1.i | <u>7</u> <u>0</u> <u>0</u> <u>0</u> | - | <u>0</u> <u>0</u> <u>0</u> | <u>0</u> <u>0</u> <u>0</u> <u>0</u> |
| | 1 Form | | | |
| Notes | Other versions on request. | | | |

VALVE CONNECTORS

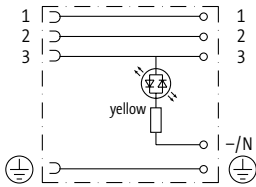
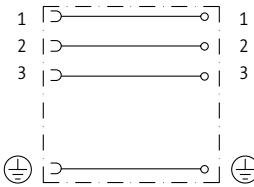
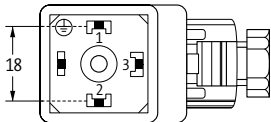
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Approvals: 

Form A (18 mm)



| 1 Form | 29361 | 29381 | 29401 | 29421 |
|---|---|------------------------------|---|------------------------------|
| Type | 24...230 V AC/DC | 24...230 V AC/DC | 0...230 V AC/DC | 0...230 V AC/DC |
| | LED yellow (3) | LED yellow (3) | without components | without components |
| | metric | PG 9 | metric | PG 9 |
| Circuit diagram |  | |  | |
| Contact layout |  | | | |
| Technical Data | | | | |
| Operating voltage | 24...230 V AC/DC | | 0...230 V AC/DC | |
| Operating current per contact | max. 4 A | | max. 10 A | |
| Sealing range (cable diameter) | 5...10 mm | 6..8 mm | 5...10 mm | 6..8 mm |
| Locking of ports | M3 (recommended torque 0.4 Nm) | | | |
| Compression gland | M16 x 1.5 mm | PG 9; (PG11, NPT 1/2" o. r.) | M16 x 1.5 mm | PG 9; (PG11, NPT 1/2" o. r.) |
| Protection | IP65 inserted and tightened (EN 60529), with gland | | | |
| Temperature range | -20...+60 °C | | | |
| Article No. | | | | |
| The composition of your article number is explained on page 3.1.i | 7 0 0 0 | | 0 0 0 | |
| | 1 Form | | | |
| Notes | Other versions on request. | | | |

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Approvals: 

Form A (18 mm)



| 1 Form | 29001 | 29021 | 29041 | 29061 |
|---|---|------------------------------|---|-------------------------------------|
| Type | 24 V AC/DC | 24 V AC/DC | 24 V AC/DC | 24 V AC/DC |
| | LED and Z-diode | LED and Z-diode | LED and RC | LED and RC |
| | metric | PG 9 | metric | PG 9 |
| Circuit diagram | | | | |
| Contact layout | | | | |
| Technical Data | | | | |
| Operating voltage | 24 V AC ±20 % / DC ±25 % | | 24 V AC/DC ±25 % | |
| Operating current per contact | max. 4 A | | max. 2 A | |
| Switch off peak | max. 55 V | | - | |
| Max. power (W) | max. 100 W(VA) | | max. 50 W(VA) | |
| Connection cross section | 4 mm ² single core, with ferrule end 1.5 mm ² | | - | |
| | | | 4 mm ² single core, with ferrule end 1.5 mm ² | |
| Sealing range (cable diameter) | 5...10 mm | 6...8 mm | 5...10 mm | 6...8 mm |
| Locking of ports | M3 (recommended torque 0.4 Nm) | | | |
| Compression gland | M16 × 1.5 mm | PG 9; (PG11, NPT 1/2" o. r.) | M16 × 1.5 mm | PG 9; (PG11, NPT 1/2" o. r.) |
| Protection | IP65 inserted and tightened (EN 60529), with gland | | | |
| Temperature range | -20...+60 °C | | | |
| Article No. | | | | |
| The composition of your article number is explained on page 3.1.i | <u>7</u> <u>0</u> <u>0</u> <u>0</u> | - | - | <u>0</u> <u>0</u> <u>0</u> <u>0</u> |
| | 1 Form | | | |
| Notes | Other versions on request. | | | |

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Form A (18 mm)



Approvals:

| 1 Form | 29081 | 29101 | 29241 | 29261 |
|---|---|------------------------------|--------------------|------------------------------|
| Type | 110 V AC/DC | 110 V AC/DC | 0...230 V AC/DC | 0...230 V AC/DC |
| LED and VDR | LED and VDR | LED and VDR | without components | without components |
| | metric | PG 9 | metric | PG 9 |
| Circuit diagram | | | | |
| Contact layout | | | | |
| Technical Data | | | | |
| Operating voltage | 110 V AC/DC ±10 % | | 0...230 V AC/DC | |
| Operating current per contact | max. 4 A | | max. 10 A | |
| Switch off peak | max. 250 V | | - | |
| Max. power (W) | max. 100 W(VA) | | - | |
| Connection cross section | 4 mm ² single core, with ferrule end 1.5 mm ² | | | |
| Sealing range (cable diameter) | 5...10 mm | 6...8 mm | 5...10 mm | 6...8 mm |
| Locking of ports | M3 (recommended torque 0.4 Nm) | | | |
| Compression gland | M16 × 1.5 mm | PG 9; (PG11, NPT 1/2" o. r.) | M16 × 1.5 mm | PG 9; (PG11, NPT 1/2" o. r.) |
| Protection | IP65 inserted and tightened (EN 60529), with gland | | | |
| Temperature range | -20...+60 °C | | | |
| Article No. | | | | |
| The composition of your article number is explained on page 3.1.i | <div style="display: flex; justify-content: space-around; align-items: center;"> <u>7</u> <u>0</u> <u>0</u> <u>0</u> - _____ - <u>0</u> <u>0</u> <u>0</u> _____ <u>0</u> <u>0</u> <u>0</u> <u>0</u> </div> | | | |
| | 1 Form | | | |
| Notes | Other versions on request. | | | |

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- Field-wireable
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Approvals: 

Form A (18 mm)



| 1 Form | 29161 | 29181 | 29121 | 29141 |
|---|---|------------------------------|---|-------------------------------------|
| Type | 230 V AC/DC | 230 V AC/DC | 110 V AC/DC and 230 V AC/DC | 110 V AC/DC and 230 V AC/DC |
| LED and VDR | | LED and VDR | LED and RC | LED and RC |
| metric | | PG 9 | metric | PG 9 |
| Circuit diagram | | | | |
| Contact layout | | | | |
| Technical Data | | | | |
| Operating voltage | 230 V AC/DC ±10 % | | 110 V AC/DC ±10 % and 230 V AC/DC ±10 % | |
| Operating current per contact | max. 1 A | | | |
| Switch off peak | max. 533 V | | - | |
| Max. power (W) | max. 100 W(VA) | | max. 50 W(VA) | |
| Connection cross section | 4 mm ² single core, with ferrule end 1.5 mm ² | | | |
| Sealing range (cable diameter) | 5...10 mm | 6...8 mm | 5...10 mm | 6...8 mm |
| Locking of ports | M3 (recommended torque 0.4 Nm) | | | |
| Compression gland | M16 × 1.5 mm | PG 9; (PG11, NPT 1/2" o. r.) | M16 × 1.5 mm | PG 9; (PG11, NPT 1/2" o. r.) |
| Protection | IP65 inserted and tightened (EN 60529), with gland | | | |
| Temperature range | -20...+60 °C | | | |
| Article No. | | | | |
| The composition of your article number is explained on page 3.1.i | <u>7</u> <u>0</u> <u>0</u> <u>0</u> | - | <u>0</u> <u>0</u> <u>0</u> | <u>0</u> <u>0</u> <u>0</u> <u>0</u> |
| | 1 Form | | | |
| Notes | Other versions on request. | | | |

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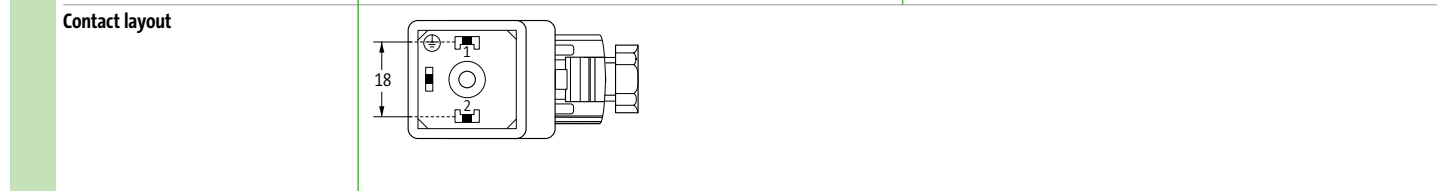
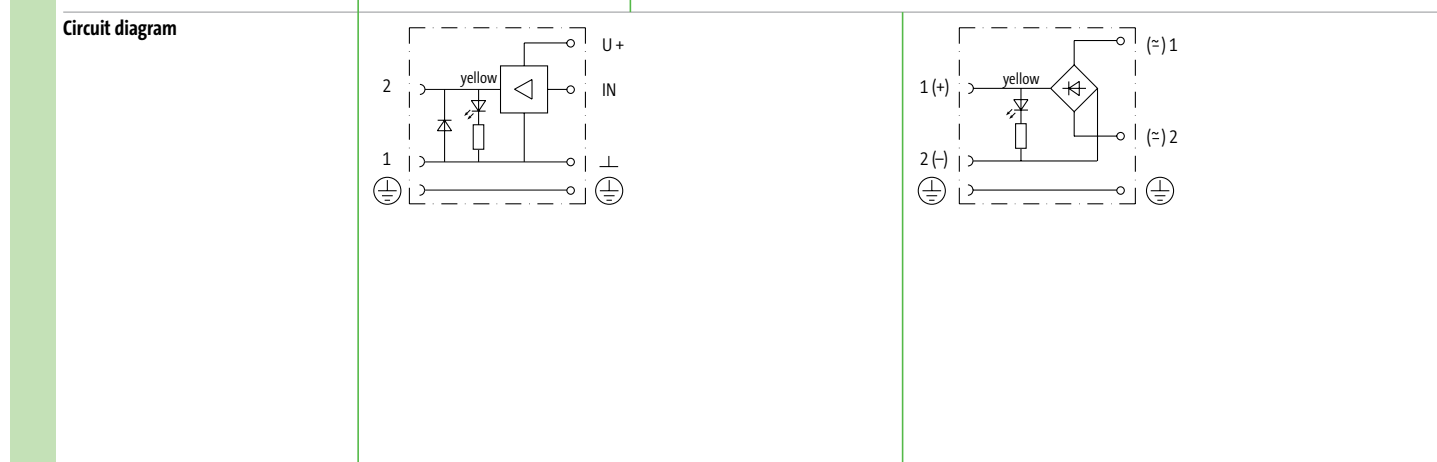
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Form A (18 mm)



Approvals:

| 1 Form | 29481 | 29501 | 29521 | 29541 |
|--------|-----------------------------|-----------------------------|--------------------------|--------------------------|
| Type | 24 V DC | 24 V DC | 24...230 V AC/DC | 24...230 V AC/DC |
| | LED and switching amplifier | LED and switching amplifier | LED and bridge rectifier | LED and bridge rectifier |
| | metric | PG 9 | metric | PG 9 |



| Technical Data | |
|--------------------------------|---|
| Operating voltage | 24 V AC/DC ±25 % |
| Control voltage | ON: 10...30 V DC; OFF: 0...6 V DC (IN) |
| Operating current per contact | max. 2 A (short-circuit protected) |
| Switch off peak | max. 46 V |
| Connection cross section | 4 mm ² single core, with ferrule end 1.5 mm ² |
| Sealing range (cable diameter) | 5...10 mm |
| Locking of ports | M3 (recommended torque 0.4 Nm) |
| Compression gland | M16 × 1.5 mm |
| Protection | IP65 inserted and tightened (EN 60529), with gland |
| Temperature range | -20...+60 °C |

| Article No. | |
|---|--|
| The composition of your article number is explained on page 3.1.i | <u>7 0 0 0</u> - <u>0 0 0</u> <u>0 0 0 0</u> |
| | 1 Form |

Notes

Other versions on request.

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