



spare part SIMATIC S7-300, front connector for signal modules with spring-loaded contacts, 40-pole

| General information | |
|---|--|
| Product type designation | Front connector |
| Ambient conditions | |
| Ambient temperature during operation | |
| • min. | 0 °C |
| • max. | 60 °C |
| Ambient temperature during storage/transportation | |
| • min. | -40 °C |
| • max. | 70 °C |
| Accessories | |
| belongs to product | S7-300 |
| Connection method | |
| Connection I/O signals | |
| • Connection method | Spring terminals |
| • Number of lines per connection | 1; Or 2 cables up to 0.75 mm ² (total) in a shared end sleeve |
| Conductor cross-section in mm ² | |
| — Connectable cable cross-sections for massive cables, min. | 0.14 mm ² |
| — Connectable cable cross-sections for massive cables, min. | 0.75 mm ² |
| — Connectable cable cross-sections for flexible cables without end sleeve, min. | 0.14 mm ² |
| — Connectable cable cross-sections for flexible cables without end sleeve, max. | 0.75 mm ² |
| — Connectable cable cross-sections for flexible cables with end sleeve, min. | 0.14 mm ² |
| — Connectable cable cross-sections for flexible cables with end sleeve, max. | 0.75 mm ² |
| Conductor cross-section acc. to AWG | |
| — Connectable cable cross-sections for massive cables, min. | 24 |
| — Connectable cable cross-sections for massive cables, min. | 19 |
| — Connectable cable cross-sections for flexible cables without end sleeve, min. | 24 |
| — Connectable cable cross-sections for flexible cables without end sleeve, max. | 19 |
| — Connectable cable cross-sections for flexible cables with end sleeve, min. | 24 |
| — Connectable cable cross-sections for flexible cables with end sleeve, max. | 19 |
| Wire end processing | |

| | |
|---|-----------------------------|
| — Stripped length of cables, min. | 6 mm |
| — Stripped length of cables, max. | 6 mm |
| — End sleeve acc. to DIN 46228 without plastic sleeve | Design A, 5 mm to 7 mm long |
| — End sleeve acc. to DIN 46228 with plastic sleeve | Design E, up to 6 mm long |

Dimensions

| | |
|--------|---------|
| Width | 21.6 mm |
| Height | 126 mm |
| Depth | 40.9 mm |

Weights

| | |
|-----------------|------|
| Weight, approx. | 98 g |
|-----------------|------|

Classifications

| | Version | Classification |
|--------|---------|----------------|
| eClass | 14 | 27-24-22-92 |
| eClass | 12 | 27-24-22-92 |
| eClass | 9.1 | 27-24-22-92 |
| eClass | 9 | 27-24-22-92 |
| eClass | 8 | 27-24-92-90 |
| eClass | 7.1 | 27-24-92-90 |
| eClass | 6 | 27-24-92-90 |
| ETIM | 10 | EC002584 |
| ETIM | 9 | EC002584 |
| ETIM | 8 | EC002584 |
| ETIM | 7 | EC002584 |
| IDEA | 4 | 3552 |
| UNSPSC | 15 | 32-15-17-03 |

Approvals / Certificates

General Product Approval

[Miscellaneous](#)

[Manufacturer Declaration](#)



| | | |
|--------------------------|-----|--------------------------------|
| General Product Approval | EMV | For use in hazardous locations |
|--------------------------|-----|--------------------------------|

[China RoHS](#)

[Manufacturer Declaration](#)



For use in hazardous locations

[FM](#)



IECEX



ATEX

[Miscellaneous](#)

[CCC-Ex](#)

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