

SIMATIC S7-300, Front connector for signal modules with spring-loaded contacts, 20-pole



## General information

Product type designation	Front connector
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## 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
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## Connection method

### Connection I/O signals

- |                                  |  |
|----------------------------------|--|
| • Connection method              | Spring terminals   |
| • Number of lines per connection | 1; or combination of 2 conductors of up to 1.5 mm <sup>2</sup> (total) in a shared ferrule |

Conductor cross-section in mm <sup>2</sup>
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- Connectable cable cross-sections for massive cables, min. 0.25 mm<sup>2</sup>
- Connectable cable cross-sections for massive cables, min. 1.5 mm<sup>2</sup>
- Connectable cable cross-sections for flexible cables without end sleeve, min. 0.25 mm<sup>2</sup>
- Connectable cable cross-sections for flexible cables without end sleeve, max. 1.5 mm<sup>2</sup>
- Connectable cable cross-sections for flexible cables with end sleeve, min. 0.25 mm<sup>2</sup>
- Connectable cable cross-sections for flexible cables with end sleeve, max. 1.5 mm<sup>2</sup>

#### Conductor cross-section acc. to AWG

- Connectable cable cross-sections for massive cables, min. 24
- Connectable cable cross-sections for massive cables, min. 16
- Connectable cable cross-sections for flexible cables without end sleeve, min. 24
- Connectable cable cross-sections for flexible cables without end sleeve, max. 16
- Connectable cable cross-sections for flexible cables with end sleeve, min. 24
- Connectable cable cross-sections for flexible cables with end sleeve, max. 16

#### 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	23 mm
Height	131 mm
Depth	36 mm

#### Weights

Weight, approx.	61 g
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**last modified:** 12/14/2018