

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<sup>2</sup> (total) in a shared end sleeve

Conductor cross-section in mm<sup>2</sup>

- Connectable cable cross-sections for massive cables, min. 0.25 mm<sup>2</sup>
- Connectable cable cross-sections for massive cables, min. 0.75 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. 0.75 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. 0.75 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. 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
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**last modified:** 04/23/2018