



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	9	EC002584
ETIM	8	EC002584
ETIM	7	EC002584
IDEA	4	3552
UNSPSC	15	32-15-17-03

Approvals / Certificates	
General Product Approval	EMV

[Manufacturer Declaration](#)



EMV	For use in hazardous locations
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[FM](#)



[Miscellaneous](#)

For use in hazardous locations

[CCC-Ex](#)

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