

### product type designation

### LP798-1N lightning protector

Lightning protector LP798-1N, Lightning protection element with N/N Female/female connection, IP66/68 (-40...+85 °C), 0...6 GHz; with gas discharge technology for SCALANCE W and M antennas, compact instructions as hard copy German/English.



### suitability for operation

Gas discharge arrester; preferably used in industrial remote communication; IWLAN possible

### interfaces

number of electrical connections	2
type of electrical connection	N-Connector
design of plug-in connection	female / female

### electrical data

transmission frequency	0 ... 6000 MHz
insertion loss	< 0.16 dB
impedance	50 Ω

### ambient conditions

ambient temperature	
• during operation	-40 ... +85 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C

suitability for use	
• for interior use	Yes
• for outside use	Yes
protection class IP	IP66 / IP68 (2,5 bar/1h)

### design, dimensions and weights

width	54.8 mm
diameter	22.8 mm
net weight	50 g

### product features, product functions, product components / general

product feature / silicon-free	Yes
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### standards, specifications, approvals

reference code	
• according to IEC 81346-2:2019	FAD

### further information / internet links

internet link	
• to website: Selection guide for cables and connectors	<a href="https://support.industry.siemens.com/cs/ww/en/view/109766358">https://support.industry.siemens.com/cs/ww/en/view/109766358</a>
• to web page: selection aid TIA Selection Tool	<a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a>
• to website: Industrial communication	<a href="https://www.siemens.com/simatic-net">https://www.siemens.com/simatic-net</a>
• to web page: SiePortal	<a href="https://sieportal.siemens.com/">https://sieportal.siemens.com/</a>
• to website: Image database	<a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a>
• to website: Industry Online Support	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>

### security information

security information	Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber
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