



transponder MDS D426S 30x3 mm (DxH) ISO 15693 13.56 MHz user memory 2000-byte FRAM Fujitsu MB89R118 mounting screw M4 not printable -40 to +90 °C IP68 / IPX9K range 280 mm MOQ 50

suitability for operation	RF200, RF300, MOBY D
Technical Product Detail Page	<a href="https://l.siemens.com/1P6GT2600-4BA00">https://l.siemens.com/1P6GT2600-4BA00</a>
<b>radio frequencies</b>	
operating frequency / rated value	13.56 MHz
range / maximum	0.28 m; observe system manual RF600: overrange is possible, range is reader dependent: observe <a href="http://support.automation.siemens.com/WW/view/en/67384964">http://support.automation.siemens.com/WW/view/en/67384964</a>
protocol / with radio transmission	ISO 15693
product feature / multitag-capable	Yes
<b>electrical data</b>	
product component / backup battery	No
<b>memory</b>	
type of memory	FRAM
storage capacity / of the user memory	2000 byte
type of memory organization	UID (fixed code) 8 bytes, user memory 2000 bytes, configuration memory 40 bytes
number of read cycles / at ambient temperature < 40 °C / maximum	1E+12
number of write cycles / at ambient temperature < 40 °C / maximum	1E+12
data retention time / at ambient temperature < 40 °C / not less than	10 a
property of memory	Block-by-block write protection of the user memory
type of transponder chip used	Fujitsu MB89R118
<b>mechanical data</b>	
material	PA6-GF
color	black
tightening torque / of the screw for securing the equipment / maximum	1 N·m
mounting distance / relating to metal surfaces / recommended / minimum	15 mm
<b>ambient conditions</b>	
ambient temperature	<ul style="list-style-type: none"> <li>during read/write access -20 ... +85 °C</li> <li>outside the read/write area -40 ... +90 °C</li> <li>during storage -20 ... +85 °C</li> </ul>
protection class IP	IP68/IPX9K
shock resistance	according to IEC 68-2-27
shock acceleration	400 m/s <sup>2</sup>
vibrational acceleration	100 m/s <sup>2</sup>
resistance to mechanical stress	Torsion and bending stress not permissible

design, dimensions and weights	
height	3 mm
diameter	30 mm
net weight	3 g
fastening method	screw, bond

product features, product functions, product components / general	
product feature	
<ul style="list-style-type: none"> <li>• silicon-free</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• printable</li> </ul>	No

standards, specifications, approvals	
certificate of suitability	
<ul style="list-style-type: none"> <li>• IECEx</li> </ul>	No

further information / internet links	
internet link	
<ul style="list-style-type: none"> <li>• to web page: selection aid TIA Selection Tool</li> <li>• to web page: identification and localization systems</li> <li>• to web page: SiePortal</li> <li>• to website: Image database</li> <li>• to website: CAX-Download-Manager</li> <li>• to website: Industry Online Support</li> </ul>	<a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a> <a href="https://www.siemens.com/ident">https://www.siemens.com/ident</a> <a href="https://sieportal.siemens.com/">https://sieportal.siemens.com/</a> <a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a> <a href="https://www.siemens.com/cax">https://www.siemens.com/cax</a> <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>

security information	
security information	<p>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 threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit <a href="http://www.siemens.com/cybersecurity-industry">www.siemens.com/cybersecurity-industry</a>. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under <a href="https://www.siemens.com/cert">https://www.siemens.com/cert</a>. (V4.7)</p>

Approvals / Certificates	
General Product Approval	

[Manufacturer Declaration](#)

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