



transponder MDS D226S 30x3.2 mm (DxH) ISO 15693 13.56 MHz user memory 316 bytes/2528 bits; NXP SLI-X2 mounting screw M4 not printable -40 to +90 °C IP68/IPX9K range 280 mm MOQ 100

suitability for operation	RF200, RF300, MOBY D
Technical Product Detail Page	https://l.siemens.com/1P6GT2600-2BA00
radio frequencies	
operating frequency / rated value	13.56 MHz
range / maximum	0.28 m; observe system manual RF600: overrange is possible, range is reader dependent: observe http://support.automation.siemens.com/WW/view/en/67384964
protocol / with radio transmission	ISO 15693
product feature / multitag-capable	Yes
electrical data	
product component / backup battery	No
memory	
type of memory	EEPROM
storage capacity / of the user memory	316 byte
type of memory organization	UID (permanently coded) 8 bytes, user memory 316 bytes, configuration memory 8 bytes
number of read cycles / at ambient temperature < 40 °C / maximum	1E+14
number of write cycles / at ambient temperature < 40 °C / maximum	100000
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	NXP I-Code SLI-x2
mechanical data	
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
ambient conditions	
ambient temperature	<ul style="list-style-type: none"> during read/write access -20 ... +85 °C outside the read/write area -40 ... +90 °C during storage -20 ... +85 °C
protection class IP	IP68/IPX9K
shock resistance	according to IEC 68-2-27
shock acceleration	400 m/s ²
vibrational acceleration	100 m/s ²
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"> silicon-free 	Yes
<ul style="list-style-type: none"> printable 	No

standards, specifications, approvals	
certificate of suitability	
<ul style="list-style-type: none"> IECEX 	No

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

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 www.siemens.com/cybersecurity-industry. 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 https://www.siemens.com/cert. (V4.7)</p>

Approvals / Certificates

General Product Approval

[Manufacturer Declaration](#)

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