## SIEMENS

## Data sheet

## 6ES7222-1XF32-0XB0



SIMATIC S7-1200, Digital output SM 1222, 8 DO, Relay Changeover contact

Product type designation       SM 1222, DQ 8x relay/2 A         Supply voltage       20.4 V         permissible range, tower limit (DC)       28.8 V         Input current       1         from backplane bus 5 V DC, max.       140 mA         Digital outputs       16.7 mA/relay coll         • from load voltage L+, max.       16.7 mA/relay coll         Power loss, typ.       5 W         Digital outputs       8         • in groups of       1         Short-circuit protection       No; to be provided externally         Switching capacity of the outputs       8         • vith resistive load, max.       2 A         Output outage       5 V DC to 30 V DC         • Rated value (DC)       5 V DC to 20 S V AC         Output outage       2 A         • Output outage       2 A         • Output day with resistive load       10 ms         • Or 1 <sup>o</sup> *1 <sup>o</sup> , max.       10 ms         • Total current of the outputs (per group)       8         • Rated value (AC)       2 A         Output day with resistive load       10 ms         • Or 1 <sup>o</sup> *1 <sup>o</sup> , max.       10 ms         • Total current of the outputs (per group)       8         • Rated supply voltage of relay coil L+ (DC)		
Stupply Voltage         20.4 V           permissible range, lower limit (DC)         20.4 V           Input current         1           from backplane bus 5 V DC, max.         140 mA           Digital outputs         6 from load voltage L+, max.           e from load voltage L+, max.         16.7 mA/relay coll           Power loss.         9           Power loss, typ.         5 W           Digital outputs         8           • in groups of         1           Stort-circuit protection         No; to be provided externally           Switching capacity of the outputs         2 A           • on lamp load, max.         2 A           output voltage         5 V DC to 30 V DC           • Rated value (AC)         5 V AC to 250 V AC           Output delay with resistive load         0 ms           • Or signal "1" rate value         2 A           Output delay with resistive load         10 ms           • Or to "1", max.         10 ms           • Or to 50 °C, max.         2 A; Current per mass           Relay outputs         8           • Rated supply voltage of relay coll L+ (DC)         24 V           • Number of relay outputs         8           • Rated supply voltage oor takes         2 A	General information	
permissible range, lower limit (DC)         20.4 V           permissible range, upper limit (DC)         28.8 V           Input current         from backplane bus 5 V DC, max.         140 mA           Digital outputs         16.7 mA/relay coll           • from backplane bus 5 V DC, max.         18.7 mA/relay coll           Power loss, typ.         5 W           Digital outputs         8           • in groups of         1           Short-circuit protection         No; to be provided externally           Switching capacity of the outputs         4           • with resistive load, max.         2 A           • on lamp load, max.         30 W with DC, 200 W with AC           Output voltage         -           • Pore of using 14" rated value (DC)         5 V DC to 30 V DC           • Rated value (AC)         5 V AC to 250 V AC           Output voltage         -           • Ori or 11", max.         10 ms           • Number of relay outputs	Product type designation	SM 1222, DQ 8x relay/2 A
permissible range, upper limit (DC)         28.8 V           Input current         2000           from backplane bus 5 V DC, max.         140 mA           Digital outputs         3000           Power loss.         Form load voltage L+, max.         15.7 mA/relay coll           Power loss.         Form load voltage L+, max.         5 W           Digital outputs         5 W           Digital outputs         8         1           Number of digital outputs         8         1           Number of digital outputs         8         1           Switching capacity of the outputs         9         9           e with resistive load, max.         2 A         30 W with DC, 200 W with AC           Output voltage         5 V DC to 30 V DC         5 V AC to 250 V AC           Output voltage         2 A         10 ms         10 ms           e Tor isignal "1" rated value         2 A         10 ms         10 ms           Output delay with resistive load         9         10 ms         10 ms           Total current of the outputs (per group)         8         2         2           Northore of relay outputs         8         2         2           Northore of relay outputs         8         2         2	Supply voltage	
Input current         140 mA           Digital outputs         140 mA           Digital outputs         6 from load voltage L+, max.         16.7 mA/relay coll           Power loss.         7           Power loss.         5 W           Digital outputs         8           • In groups of         1           Short-circuit protection         No; to be provided externally           Switching capacity of the outputs         4           • with resistive load, max.         2 A           • on lamp load, max.         30 W with DC, 200 W with AC           Output voltage         6           • Atted value (DC)         5 V AC to 250 V AC           Output voltage         2 A           • for signal "1" rated value         2 A           Output delay with resistive load         70 to 10" 1", max.           • for io 1"1", max.         10 ms           • Total current         7           • for io 1"1", max.         10 ms           • Total current of the outputs (per group)         7           • horizontal installation         2 A; Current per mass           Relay outputs         8           • Number of relay outputs         8           • Number of relay outputs         8	permissible range, lower limit (DC)	20.4 V
from backplane bus 5 V DC, max.     140 mA       Digital outputs     16.7 mA/relay coil       Power loss, typ.     5 W       Digital outputs     8       Number of digital outputs     8       • in groups of     1       Short-circuit protection     No; to be provided externally       Switching capacity of the outputs     •       • with resistive load, max.     2 A       • on lamp load, max.     30 W with DC, 200 W with AC       Output voltage     •       • Rated value (AC)     5 V DC to 30 V DC       • Rated value (AC)     5 V DC to 30 V DC       • Rated value (AC)     5 V AC to 250 V AC       Output delay with resistive load     •       • 0" to "1", max.     10 ms       • "1" to "0", max.     10 ms       • Total current of the outputs (per group)     •       horizontal installation     -       - up to 50 °C, max.     2 A; Current per mass       Relay outputs     8       • Rated supply outlage or felay coil L+ (DC)     24 V       • Number of relay outputs     8       • Number of operating cycles, max.     30 W with DC, 200 W with AC       • Number of operating cycles, max.     2 A       • on lamp load, max.     2 A       • on lamp load, max.     2 A       • on lamp load, max.	permissible range, upper limit (DC)	28.8 V
Digital outputs         • from load voltage L+, max.         Power loss         Power loss, typ.         Digital outputs         Number of digital outputs         Number of digital outputs         8         • in groups of         Sthott-circuit protection         No, to be provided externally         Switching capacity of the outputs         • with resistive load, max.       2 A         • on lamp load, max.       30 W with DC, 200 W with AC         Output voltage         • Rated value (DC)       5 V DC to 30 V DC         • Rated value (AC)       5 V AC to 250 V AC         Output deay with resistive load         • O'r to "1", max.       10 ms         • "1' to "0", max.       10 ms         • Total current of the outputs (per group)         horizontal installation       -         - up to 50 °C, max.       2 A; Current per mass         Relay outputs       8         • Rated supply voltage of lay coil L+ (DC)       24 V         • Number of perating cycles, max.       2A         • Number of perating cycles, max.       2 A         • Number of orelay coil L+ (DC)       24 V         • with inductive load, max.       2 A <td< td=""><td>Input current</td><td></td></td<>	Input current	
• from load voltage L+, max.       16.7 mA/relay coil         Power loss       Formation of the second	from backplane bus 5 V DC, max.	140 mA
Power loss       5 W         Power loss, typ.       5 W         Digital outputs       8         • in groups of       1         Short-circuit protection       No; to be provided externally         Switching capacity of the outputs       2 A         • on lamp load, max.       30 W with DC, 200 W with AC         Output voltage       6         • Rated value (DC)       5 V DC to 30 V DC         • Rated value (AC)       5 V AC to 250 V AC         Output current       2 A         • Or fignal "1" rated value       2 A         Output delay with resistive load       -0"0" to "1", max.         • 0" to "1", max.       10 ms         • 0" to "1", max.       10 ms         • 0" to "1", max.       10 ms         • 0" to "1", max.       2 A; Current per mass         Relay outputs       8         Relay outputs       8         • Rated supply voltage of relay coil L+ (DC)       24 V         • Number of operating cycles, max.       8         • on lamp load, max.       2 A         • unth inductive load, max.       2 A	Digital outputs	
Power loss, typ.       5 W         Digital outputs       5         Number of digital outputs       8         • in groups of       1         Short-circuit protection       No; to be provided externally         Switching capacity of the outputs       2 A         • on lamp load, max.       2 A         Output voltage       5 V DC to 30 V DC         • Rated value (AC)       5 V AC to 250 V AC         Output delay with resistive load       5 V AC to 250 V AC         Output durrent       6 of signal "1" rated value         • 0' to "1", max.       10 ms         • 0' to so "C, max.       2 A; Current per mass         Relay outputs       8         • Rated supply voltage of relay coil L+ (DC)       24 V </td <td><ul> <li>from load voltage L+, max.</li> </ul></td> <td>16.7 mA/relay coil</td>	<ul> <li>from load voltage L+, max.</li> </ul>	16.7 mA/relay coil
Digital outputs         Number of digital outputs         in groups of         Short-circuit protection         Switching capacity of the outputs         • with resistive load, max.         2 A         • on lamp load, max.         2 A         • on lamp load, max.         2 A         • on lamp load, max.         2 A         • atted value (DC)         5 V DC to 30 V DC         • Rated value (AC)         5 V AC to 250 V AC         Output voltage         • for signal *1" rated value         2 A         Output delay with resistive load         • "0" to "1", max.         10 ms         • "1" to "0", max.         10 ms         Total current of the outputs (per group)         horizontal installation         - up to 50 °C, max.         2 A; Current per mass         Relay outputs         • Rated supply voltage of relay cut L + (DC)         • Number of operating cycles, max.         • Number of operating cycles, max.         • no lamp load, max.         - on lamp load, max.         - with inductive load, max.         - with inductive load, max.	Power loss	
Number of digital outputs     8       • in groups of     1       Short-circuit protection     No; to be provided externally       Switching capacity of the outputs       • with resistive load, max.     2 A       • on lamp load, max.     30 W with DC, 200 W with AC       Output voltage     •       • Rated value (DC)     5 V DC to 30 V DC       • Rated value (AC)     5 V AC to 250 V AC       Output delay with resistive load     •       • "0" to "1", max.     10 ms       • "1" to "0", max.     10 ms       • "1" to "0", max.     10 ms       • Total current of the outputs (per group)     •       horizontal installation     -       - up to 50 °C, max.     2 A; Current per mass       Relay outputs     8       • Rated supply voltage of relay cull L+ (DC)     24 V       • Number of operating cycles, max.     8       • Number of operating colects, max.     2 A       - on lamp load, max.<	Power loss, typ.	5 W
Number of digital outputs     8       • in groups of     1       Short-circuit protection     No; to be provided externally       Switching capacity of the outputs       • with resistive load, max.     2 A       • on lamp load, max.     30 W with DC, 200 W with AC       Output voltage     •       • Rated value (DC)     5 V DC to 30 V DC       • Rated value (AC)     5 V AC to 250 V AC       Output delay with resistive load     •       • "0" to "1", max.     10 ms       • "1" to "0", max.     10 ms       • "1" to "0", max.     10 ms       • Total current of the outputs (per group)     •       horizontal installation     -       - up to 50 °C, max.     2 A; Current per mass       Relay outputs     8       • Rated supply voltage of relay cull L+ (DC)     24 V       • Number of operating cycles, max.     8       • Number of operating colects, max.     2 A       - on lamp load, max.<	Digital outputs	
• in groups of       1         Short-circuit protection       No; to be provided externally         Switching capacity of the outputs		8
Short-circuit protection       No; to be provided externally         Switching capacity of the outputs       2 A         • with resistive load, max.       2 A         • on lamp load, max.       30 W with DC, 200 W with AC         Output voltage       -         • Rated value (DC)       5 V DC to 30 V DC         • Rated value (AC)       5 V AC to 250 V AC         Output ourent       -         • for signal "1" rated value       2 A         Output delay with resistive load       -         • "0" to "1", max.       10 ms         • "1" to "0", max.       10 ms         • "1" to "0", max.       10 ms         Total current of the outputs (per group)       -         horizontal installation       -         - up to 50 °C, max.       2 A; Current per mass         Relay outputs       8         • Rated supply voltage of relay coil L+ (DC)       24 V         • Number of operating cycles, max.       mechanically 10 million, at rated load voltage 100 000         Switching capacity of contacts       -         - with inductive load, max.       2 A         - on lamp load, max.       2 A         Cable length       -         • shielded, max.       500 m         • unshielded, max.<	<b>o</b>	
Switching capacity of the outputs       2 A         • with resistive load, max.       2 A         • on lamp load, max.       30 W with DC, 200 W with AC         Output voltage       -         • Rated value (DC)       5 V DC to 30 V DC         • Rated value (AC)       5 V AC to 250 V AC         Output current       -         • for signal "1" rated value       2 A         Output delay with resistive load       -         • "0" to "1", max.       10 ms         • "1" to "0", max.       10 ms         • ord to the outputs (per group)       -         horizontal installation       -         - up to 50 °C, max.       2 A; Current per mass         Relay outputs       8         • Rated supply voltage of relay coil L+ (DC)       24 V         • Number of relay outputs       8         • Rated supply voltage of relay coil L+ (DC)       24 V         • Number of operating cycles, max.       mechanically 10 million, at rated load voltage 100 000         Switching capacity of contacts       -         - with inductive load, max.       2 A         Cable length       -         • with resistive load, max.       2 A         Cable length       -         • unshielded, max.		
• with resistive load, max.       2 A         • on lamp load, max.       30 W with DC, 200 W with AC         Output voltage       •         • Rated value (DC)       5 V DC to 30 V DC         • Rated value (AC)       5 V AC to 250 V AC         Output current       •         • for signal "1" rated value       2 A         Output delay with resistive load       •         • "0" to "1", max.       10 ms         • "0" to "1", max.       10 ms         • to "0", max.       10 ms         • on lamp load, max.       2 A; Current per mass         Relay outputs       8         • Rated supply voltage of relay coil L+ (DC)       24 V         • Number of operating cycles, max.       mechanically 10 million, at rated load voltage 100 000         Switching capacity of contacts       -         • with resistive load, max.       2 A         • on lamp load, max.       2 A         • on lamp load, max.       2 A         • with resistive load, max.       2 A         • with resistive load, max.       2 A <td< td=""><td></td><td></td></td<>		
Output voltage• Rated value (DC)5 V DC to 30 V DC• Rated value (AC)5 V AC to 250 V ACOutput current-• for signal "1" rated value2 AOutput delay with resistive load-• "0" to "1", max.10 ms• "1" to "0", max.10 ms• "1" to "0", max.10 msTotal current of the outputs (per group)horizontal installation- up to 50 °C, max.2 A; Current per massRelay outputs8• Rated supply voltage of relay coil L+ (DC)24 V• Number of relay outputs8• Rated supply voltage of relay coil L+ (DC)24 V• Number of operating cycles, max.mechanically 10 million, at rated load voltage 100 000Switching capacity of contacts2 A- with inductive load, max.2 A- with resistive load, max.2 A- with resistive load, max.2 A- with resistive load, max.2 A- shielded, max.500 m• unshielded, max.500 m• unshielded, max.500 m		2 A
• Rated value (DC)5 V DC to 30 V DC• Rated value (AC)5 V AC to 250 V ACOutput current2 A• for signal "1" rated value2 AOutput delay with resistive load10 ms• "0" to "1", max.10 ms• "1" to "0", max.10 ms• "1" to "0", max.10 ms• Total current of the outputs (per group)horizontal installation- up to 50 °C, max.2 A; Current per massRelay outputs8• Rated supply voltage of relay coil L+ (DC)24 V• Number of operating cycles, max.mechanically 10 million, at rated load voltage 100 000Switching capacity of contacts2 A- with inductive load, max.2 A- on lamp load, max.2 A- with resistive load, max.2 ACable length500 m• shielded, max.500 m• unshielded, max.500 m	• on lamp load, max.	30 W with DC, 200 W with AC
• Rated value (AC)       5 V AC to 250 V AC         Output current       2 A         • for signal "1" rated value       2 A         Output delay with resistive load       10 ms         • "0" to "1", max.       10 ms         • "1" to "0", max.       10 ms         Total current of the outputs (per group)       Io ms         horizontal installation       2 A; Current per mass         — up to 50 °C, max.       2 A; Current per mass         Relay outputs       8         • Rated supply voltage of relay coil L+ (DC)       24 V         • Number of operating cycles, max.       mechanically 10 million, at rated load voltage 100 000         Switching capacity of contacts       2 A         — with inductive load, max.       2 A         — on lamp load, max.       2 A         — with resistive load, max.       2 A         Cable length       500 m         • unshielded, max.       500 m         • unshielded, max.       150 m	Output voltage	
Output current         • for signal "1" rated value       2 A         Output delay with resistive load       10 ms         • "0" to "1", max.       10 ms         • "1" to "0", max.       10 ms         Total current of the outputs (per group)       horizontal installation        up to 50 °C, max.       2 A; Current per mass         Relay outputs       8         • Rated supply voltage of relay coil L+ (DC)       24 V         • Number of operating cycles, max.       mechanically 10 million, at rated load voltage 100 000         Switching capacity of contacts	Rated value (DC)	5 V DC to 30 V DC
<ul> <li>for signal "1" rated value</li> <li>2 A</li> <li>Output delay with resistive load</li> <li>"0" to "1", max.</li> <li>10 ms</li> <li>"1" to "0", max.</li> <li>10 ms</li> <li>Total current of the outputs (per group)</li> <li>horizontal installation         <ul> <li>up to 50 °C, max.</li> <li>2 A; Current per mass</li> </ul> </li> <li>Relay outputs         <ul> <li>Rated supply voltage of relay coil L+ (DC)</li> <li>At V</li> <li>number of perating cycles, max.</li> <li>with inductive load, max.</li> <li>A</li> <li>on lamp load, max.</li> <li>A</li> <li>A</li> </ul> </li> <li>Cable length         <ul> <li>shielded, max.</li> <li>unshielded, max.</li> <li>S00 m</li> <li>unshielded, max.</li> </ul> </li> </ul>	<ul> <li>Rated value (AC)</li> </ul>	5 V AC to 250 V AC
Output delay with resistive load• "0" to "1", max.10 ms• "1" to "0", max.10 msTotal current of the outputs (per group) horizontal installation2 A; Current per mass- up to 50 °C, max.2 A; Current per massRelay outputs8• Number of relay outputs8• Rated supply voltage of relay coil L+ (DC)24 V• Number of operating cycles, max.mechanically 10 million, at rated load voltage 100 000Switching capacity of contacts2 A- with inductive load, max.2 A- on lamp load, max.2 A- with resistive load, max.2 ACable length500 m• unshielded, max.500 m• unshielded, max.150 m	Output current	
<ul> <li>"0" to "1", max.</li> <li>"1" to "0", max.</li> <li>10 ms</li> <li>"1" to "0", max.</li> <li>10 ms</li> <li>Total current of the outputs (per group)</li> <li>horizontal installation         <ul> <li>up to 50 °C, max.</li> <li>2 A; Current per mass</li> </ul> </li> <li>Relay outputs         <ul> <li>Number of relay outputs</li> <li>Rated supply voltage of relay coil L+ (DC)</li> <li>24 V</li> <li>Number of operating cycles, max.</li> <li>mechanically 10 million, at rated load voltage 100 000</li> </ul> </li> <li>Switching capacity of contacts         <ul> <li>- with inductive load, max.</li> <li>- on lamp load, max.</li> <li>with resistive load, max.</li> <li>2 A</li> </ul> </li> <li>Cable length         <ul> <li>shielded, max.</li> <li>unshielded, max.</li> <li>500 m</li> <li>unshielded, max.</li> </ul> </li> </ul>	<ul> <li>for signal "1" rated value</li> </ul>	2 A
• "1" to "0", max.       10 ms         Total current of the outputs (per group)         horizontal installation         - up to 50 °C, max.       2 A; Current per mass         Relay outputs       8         • Number of relay outputs       8         • Rated supply voltage of relay coil L+ (DC)       24 V         • Number of operating cycles, max.       mechanically 10 million, at rated load voltage 100 000         Switching capacity of contacts       2 A         - with inductive load, max.       2 A         - on lamp load, max.       30 W with DC, 200 W with AC         - with resistive load, max.       2 A         Cable length       500 m         • shielded, max.       150 m	Output delay with resistive load	
Total current of the outputs (per group)horizontal installation up to 50 °C, max.2 A; Current per massRelay outputs8• Number of relay outputs8• Rated supply voltage of relay coil L+ (DC)24 V• Number of operating cycles, max.mechanically 10 million, at rated load voltage 100 000Switching capacity of contacts2 A with inductive load, max.2 A on lamp load, max.30 W with DC, 200 W with AC with resistive load, max.2 ACable length500 m• unshielded, max.500 m		10 ms
horizontal installation— up to 50 °C, max.2 A; Current per massRelay outputs2 A; Current per mass• Number of relay outputs8• Rated supply voltage of relay coil L+ (DC)24 V• Number of operating cycles, max.mechanically 10 million, at rated load voltage 100 000Switching capacity of contacts-— with inductive load, max.2 A— on lamp load, max.30 W with DC, 200 W with AC— with resistive load, max.2 AShielded, max.500 m• unshielded, max.500 m		10 ms
Relay outputs       8         • Number of relay outputs       8         • Rated supply voltage of relay coil L+ (DC)       24 V         • Number of operating cycles, max.       mechanically 10 million, at rated load voltage 100 000         Switching capacity of contacts       -         - with inductive load, max.       2 A         - on lamp load, max.       30 W with DC, 200 W with AC         - with resistive load, max.       2 A         Cable length       500 m         • unshielded, max.       150 m		
<ul> <li>Number of relay outputs</li> <li>Rated supply voltage of relay coil L+ (DC)</li> <li>Number of operating cycles, max.</li> <li>Number of operating cycles, max.</li> <li>Mumber of operating cycles, max.</li> <li>A</li> <li>Mumber of operating cycles, max.</li> <li>A</li> <li>Mumber of contacts</li> <li>Mumber of contacts</li> <li>A</li> <li>Mumber of contacts</li> <li>A</li> <li></li></ul>		2 A; Current per mass
<ul> <li>Rated supply voltage of relay coil L+ (DC)</li> <li>Number of operating cycles, max.</li> <li>Mumber of operating cycles, max.</li> <li>A</li> <li>Mumber of operating cycles, max.</li> <li>A</li> <li>Mumber of operating cycles, max.</li> <li>A</li> <li>A</li> <li>Mumber of operating cycles, max.</li> <li>A</li> <li< td=""><td></td><td></td></li<></ul>		
Number of operating cycles, max. mechanically 10 million, at rated load voltage 100 000     Switching capacity of contacts		
Switching capacity of contacts       2 A         — with inductive load, max.       2 A         — on lamp load, max.       30 W with DC, 200 W with AC         — with resistive load, max.       2 A         Cable length       500 m         • unshielded, max.       150 m		
with inductive load, max.2 A on lamp load, max.30 W with DC, 200 W with AC with resistive load, max.2 ACable length• shielded, max.500 m• unshielded, max.150 m		mechanically 10 million, at rated load voltage 100 000
on lamp load, max.     30 W with DC, 200 W with AC       with resistive load, max.     2 A       Cable length     500 m       • shielded, max.     500 m       • unshielded, max.     150 m		2.4
	-	
Cable length       • shielded, max.       • unshielded, max.       150 m	•	
shielded, max.     150 m		27
• unshielded, max. 150 m	5	500 m
	Interrupts/diagnostics/status information	

Alarms	
Diagnostic alarm	Yes
Diagnostics indication LED	
<ul> <li>for status of the outputs</li> </ul>	Yes
Potential separation	
Potential separation digital outputs	
between the channels	Relays
<ul> <li>between the channels, in groups of</li> </ul>	1
<ul> <li>between the channels and backplane bus</li> </ul>	1 500 V AC for 1 minute
Permissible potential difference	
between different circuits	750 V AC for 1 minute
Degree and class of protection	
IP degree of protection	IP20
Standards, approvals, certificates	
CE mark	Yes
CSA approval	Yes
UL approval	Yes
cULus	Yes
FM approval	Yes
RCM (formerly C-TICK)	Yes
KC approval	Yes
Marine approval	Yes
Ambient conditions	
Free fall	
• Fall height, max.	0.3 m; five times, in product package
Ambient temperature during operation	
• min.	-20 °C
• max.	60 °C; Number of simultaneously activated outputs: 4 (no adjacent points) at 60 °C horizontal or 50 °C vertical, 8 at 55 °C horizontal or 45 °C vertical
<ul> <li>horizontal installation, min.</li> </ul>	-20 °C
<ul> <li>horizontal installation, max.</li> </ul>	60 °C
<ul> <li>vertical installation, min.</li> </ul>	-20 °C
<ul> <li>vertical installation, max.</li> </ul>	50 °C
<ul> <li>permissible temperature change</li> </ul>	5°C to 55°C, 3°C / minute
Ambient temperature during storage/transportation	
• min.	-40 °C
• max.	70 °C
Air pressure acc. to IEC 60068-2-13	
Storage/transport, min.	660 hPa
Storage/transport, max.	1 080 hPa
Relative humidity	95 %
• Operation at 25 °C without condensation, max.	00 /0
connection method / header	N
required front connector	Yes
Mechanics/material	
Enclosure material (front)	
Plastic	Yes
Dimensions	
Width	70 mm
Height	100 mm
Depth	75 mm
Weights	
Weight, approx.	310 g

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