SIPLUS S7-300 SM321 8DI/120/230 -25...+70°C with conformal coating based on 6ES7321-1FF10-0AA0 . Digital input isolated, 8 DI, 120 V/230 V AC, 1x 40-pole, with single rooting/channel



Figure similar

| Supply voltage | |
|---|--|
| Load voltage L1 | |
| ● Rated value (AC) | 230 V; 120/230 V AC; all load voltages must have the same phase. |
| Input current | |
| from backplane bus 5 V DC, max. | 100 mA |
| Power loss | |
| Power loss, typ. | 4.9 W |
| Digital inputs | |
| Number of digital inputs | 8 |
| Input characteristic curve in accordance with IEC 61131, type 1 | Yes |
| Number of simultaneously controllable inputs | |
| horizontal installation | |
| — up to 60 °C, max. | 8; 8 @ > 60 °C |
| Input voltage | |

| Type of input voltage | AC |
|---|----------------------------------|
| Rated value (AC) | 120 V; 120/230 V AC (47 63 Hz) |
| • for signal "0" | 0 to 40V |
| • for signal "1" | 79 to 264V |
| Input current | |
| • for signal "1", typ. | 7.5 mA; (120 V); 17.3 mA (230 V) |
| Input delay (for rated value of input voltage) | |
| for standard inputs | |
| — parameterizable | No |
| — at "0" to "1", max. | 25 ms |
| — at "1" to "0", max. | 25 ms |
| Cable length | |
| • shielded, max. | 1 000 m |
| • unshielded, max. | 600 m |
| | |
| Encoder Connectable encoders | |
| • 2-wire sensor | Yes |
| | 2 mA |
| permissible quiescent current (2-wire sensor), max. | ZIIIA |
| Scrisor), max. | |
| Interrupts/diagnostics/status information | |
| Alarms | No |
| Diagnostics function | No |
| Alarms | |
| Diagnostic alarm | No |
| Hardware interrupt | No |
| Diagnostics indication LED | |
| • Group error SF (red) | No |
| Status indicator digital input (green) | Yes |
| Potential separation | |
| Potential separation digital inputs | |
| • between the channels | Yes |
| between the channels, in groups of | 1 |
| between the channels and backplane bus | Yes; Optocoupler |
| · | |
| Isolation Isolation tested with | 1 500 V AC |
| isolation tested with | 1 300 V AC |
| Standards, approvals, certificates | |
| CE mark | Yes |
| UL approval | Yes; File E239877 |
| RCM (formerly C-TICK) | Yes |
| KC approval | Yes |
| | |

| Ambient conditions Ambient temperature during operation • min. • max. Ambient temperature during storage/transportation • min. • max. An or c Altrude during operation relating to sea level • installation altitude above sea level, max. • Ambient air temperature-barometric pressure-altitude • installation altitude above sea level, max. • Ambient air temperature-barometric pressure-altitude • installation altitude above sea level, max. • Ambient air temperature-barometric pressure-altitude • installation altitude above sea level, max. • Ambient air temperature-barometric pressure-altitude • installation altitude above sea level, max. • Ambient air temperature-barometric pressure-altitude • installation altitude above sea level, max. • Ambient air temperature-barometric pressure-altitude • installation altitude above sea level, max. • Ambient air temperature-barometric pressure-altitude • installation altitude above sea level, max. • Ambient air temperature-barometric pressure-altitude • installation altitude above sea level, max. • Ambient air temperature-barometric pressure-altitude • installation altitude above sea level, max. • Ambient air temperature-barometric pressure-altitude • installation altitude above sea level, max. • Ambient air temperature-barometric pressure-altitude • installation altitude above sea level, max. • Ambient air temperature-barometric pressure-altitude • installation altitude above sea level, max. • An installation altitude above sea level, max. • Thin Trans at 1 140 hPa 795 hPa (-1 000 m +2 000 m) // Trini (Trans -20 K) at 586 hPa (-12 000 m +2 000 m) // Trini (Trans -20 K) at 586 hPa (-12 000 m +2 000 m) // Trini (Trans -20 K) at 586 hPa (-12 000 m +2 000 m) // Trini (Trans -10 K) at 78 hPa (-12 000 m +2 000 m) // Trini Trans at 1 140 hPa 795 hPa (-12 000 m +2 000 m | EAC (formerly Gost-R) | Yes |
|--|---|--|
| * min. * max. Ambient temperature during storage/transportation * min. * max. Altitude during operation relating to sea level * Installation attitude above sea level, max. * Ambient air temperature-barometric pressurealititude * Installation attitude above sea level, max. * Ambient air temperature-barometric pressurealititude * With condensation, tested in accordance with IEC 80088-2-38, max. Relative humidity * With condensation, tested in accordance with IEC 80088-2-38, max. Resistance Use in stationary industrial systems * to chemically active substances according to EN 60721-3-3 * to mechanically active substances according to EN 60721-3-3 * to Enemically active substances according to EN 60721-3-6 * to hemically active substances according to EN 60721-3-6 * to enchanically active substances according to EN 60721-3-6 * to enchanically active substances according to EN 60721-3-6 * to Enemically active substances according to EN 60721-3-6 * To enchanically active substances according to EN 60721-3-6 * To enchanically active substances according to EN 60721-3-6 * To enchanically active substances according to EN 60721-3-6 * To enchanically active substances according to EN 60721-3-6 * To enchanically active substances according to EN 60721-3-6 * To enchanically active substances according to EN 60721-3-6 * To enchanically active substances according to EN 60721-3-6 * To enchanically active substances according to EN 60721-3-6 * To enchanically active substances according to EN 60721-3-6 Usage in industrial process technology * Against chemically active substances according to EN 60721-3-1 according to EN 60721-3-1 according to EN 60721-3-1 according to EN 60721-3-3 class 3C4 * To enchanically active substances according to EN 60721-3-3 class 3C4 * To enchanically active substances according to EN 60721-3-3 class 3C4 * To enchanically active substances according to EN 60721-3-3 class 3C | Ambient conditions | |
| • max. Ambient temperature during storage/transportation • min. • max. Altitude during operation relating to sea level • Installation altitude above sea level, max. • Ambient air temperature-barometric pressurealittude • Installation altitude above sea level, max. • Ambient air temperature-barometric pressurealittude • With condensation, tested in accordance with IEC 60068-2-38, max. Resistance Use in stationary industrial systems — to biologically active substances according to EN 60721-3-3 — to ehemically active substances according to EN 60721-3-3 — to mechanically active substances according to EN 60721-3-3 Use on ships/at sea — to biologically active substances according to EN 60721-3-6 — to nechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 6064-4 — Environmental conditions for process, measuring and control systems acc. to ANSi/ISA-71.04 Remark — Note regarding classification of environmental conditions acc. to EN 60721, EN 6064-4 and ANSi/ISA-71.04 Connection | Ambient temperature during operation | |
| Ambient temperature during storage/transportation • min. • max. Altitude during operation relating to sea level • Installation altitude above sea level, max. • Ambient air temperature-barometric pressure-altitude • With condensation, tested in accordance with IEC 60068-2-38, max. Resistance Use in stationary industrial systems — to biologically active substances according to EN 60721-3-3 — to mechanically active substances according to EN 60721-3-3 — to chemically active substances according to EN 60721-3-3 — to nechanically active substances according to EN 60721-3-3 — to nechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 6068-4 — Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04 Remark — Note regarding classification of environmental conditions acc. to EN 60721, EN 60654.4 and ANSI/ISA-71.04 Connection method * Thin Trax at 1140 hPa 759 hPa (-1000 m +2 | ● min. | -25 °C |
| * min. * max. * Altitude during operation relating to sea level Installation altitude above sea level, max. Anhibient air temperature-barometric pressure-altitude **Installation altitude above sea level, max. Anhibient air temperature-barometric pressure-altitude **Inmax - 10 K) at 795 hPa 568 hPa (+2 000 m +3 500 m) // Tmin (Tmax - 10 K) at 795 hPa 569 hPa (+2 000 m +3 500 m) // Tmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m) // Tmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m) // Tmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m) // Tmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m) // Tmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m) // Tmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m) // Tmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m) // Tmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m) // Tmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m) // Tmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m) // Tmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m) // Tmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m) // Tmin (Tmax - 20 K) at 658 hPa 540 | • max. | 70 °C; = Tmax; 60 °C @ UL/cUL, ATEX and FM use |
| * max. * Antitude during operation relating to sea level * Installation altitude above sea level, max. * Ambient air temperature-barometric pressurealtitude * Installation altitude above sea level, max. * Ambient air temperature-barometric pressurealtitude * Infin Tmax at 1 140 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmax -10 K) at 795 hPa 589 hPa (+2 000 m +3 500 m) // Tmin (Tmax -20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m) // Tmin (Tmax -20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m) // Tmin (Tmax -20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m) // Tmin (Tmax -20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m) // Tmin (Tmax -20 K) at 658 hPa 540 hPa (+2 000 m +3 500 m) // Tmin (Tmax -20 K) at 658 hPa 540 hPa (+2 000 m +3 500 m) // Tmin (Tmax -10 K) at 795 hPa (-1 000 m +2 000 m) // Tmin (Tmax -10 K) at 795 hPa (-1 000 m +3 500 m) // Tmin (Tmax -10 K) at 795 hPa (-1 000 m +2 000 m) // Tmin (Tmax -10 K) at 795 hPa (-1 000 m +2 000 m) // Tmin (Tmax -10 K) at 795 hPa (-1 000 m +3 500 m) // Tmin (Tmax -10 K) at 795 hPa (-1 000 m +3 500 m) // Tmin (Tmax -10 K) at 795 hPa (-1 000 m +3 500 m) // Tmin (Tmax -10 K) at 795 hPa (-1 000 m +3 500 m) // Tmin (Tmax -10 K) at 795 hPa (-1 000 m +3 500 m) // Tmin (Tmax -10 K) at 795 hPa (-1 000 m +3 500 m) // Tmin (Tmax -10 K) at 795 hPa (-1 000 m +3 500 m) // Tmin (Tmax -10 K) at 795 hPa (-1 000 m +3 500 m) // Tmin (Tmax -10 K) at 795 hPa (-1 000 m +3 500 m) // Tmin (Tmax -10 K) at 795 hPa (-1 000 m +3 500 m) // Tmin (Tmax -10 K) at 795 hPa (-1 000 m +3 500 m) // Tmin (Tmax -10 K) at 795 hPa (-1 000 m +3 500 m) // Tmin (Tmax -10 K) at 795 hPa (-1 000 m +3 500 m) // Tmin (Tmax -10 K) at 795 hPa (-1 000 m +3 500 m) // Tmin (Tmax -10 K) at 795 hPa (-1 000 m +3 500 m) // Tmin (Tmax -10 K) at 795 hPa (-1 000 m | Ambient temperature during storage/transportation | |
| Altitude during operation relating to sea level Inititude above sea level, max. Inititude above sea level above sea seasond in minititude above sea seasond in minititude above substances according to EN 60721-3-6 Inititude above sea level, max. Inititude above sea level above substances according to EN 60721-3-6 Inititude above sea level above substances according to EN 60721-3-6 Inititude above sea level above substances according to EN 60721-3-6 Inititude above sea level above substances according to EN 60721-3-6 Inititude above sea level, max. Inititude above sea level above substances according to EN 60721-3-3 class S34 incl. sand, dust, * Inititude above sea level above sea seasond in faunal; Class 6B3 on request above seasond faund fungal spores (excluding fauna); Class 6B3 on req | • min. | -40 °C |
| Installation altitude above sea level, max. Ambient air temperature-barometric pressurealtitude Ambient air temperature-barometric pressurealtitude Tmin (Tmax - 10 K) at 795 hPa 658 hPa (+2 000 m) +3 500 m) // Tmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m) +5 000 m) With condensation, tested in accordance with IEC 60068-2-38, max. With condensation, tested in accordance with IEC 60068-2-38, max. To biologically active substances according to EN 60721-3-3 To to chemically active substances according to EN 60721-3-3 Use on ships/at sea To biologically active substances according to EN 60721-3-6 To biologically active substances according to EN 60721-3-6 To biologically active substances according to EN 60721-3-6 To mechanically active substances according to EN 60721-3-3 (ass 6S3 incl. sand, dust; * Yes; Class 6S3 incl. sand, dust; * Yes; Class | • max. | 70 °C |
| Ambient air temperature-barometric pressurealtitude Trmin (Tmax - 10 K) at 795 hPa (-1 000 m +2 000 m) // Trmin (Tmax - 10 K) at 795 hPa 658 hPa (+2 000 m +3 500 m) // Trmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m) // Trmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m) // Trmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m) // Trmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m) // Trmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m) // Trmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m) // Trmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m) // Trmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m) // Trmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m) // Trmin (Tmax - 10 K) at 750 hPa 540 hPa (+3 500 m +3 500 m) // Trmin (Tmax - 10 K) at 750 hPa 540 hPa (+3 500 m +3 500 m) // Trmin (Tmax - 10 K) at 750 hPa 540 hPa (+3 500 m +3 500 m) // Trmin (Tmax - 10 K) at 750 hPa 540 hPa (+3 500 m +3 500 m) // Trmin (Tmax - 10 K) at 750 hPa 540 hPa (+3 500 m +3 500 m) // Trmin (Tmax - 10 K) at 550 hPa 540 hPa (+3 500 m +3 500 m) // Trmin (Tmax - 10 K) at 550 hPa 540 hPa (+3 500 m +3 500 m) // Trmin (Tmax - 10 K) at 550 hPa 540 hPa (+3 500 m +3 500 m) // Trmin (Tmax - 10 K) at 550 hPa 540 hPa (+3 500 m +3 500 m) // Trmin (Tmax - 10 K) at 550 hPa 540 hPa (+3 500 m +3 500 m) // Trmin (Tmax - 10 K) at 550 hPa 540 hPa (+3 500 m +3 500 m) // Trmin (Tmax - 10 K) at 550 hPa 540 hPa (+3 500 m +5 000 m) // Trmin (Tmax - 10 K) at 550 hPa 540 hPa (+3 500 m +5 000 m) // Trmin (Tmax - 10 K) at 550 hPa 540 hPa . | Altitude during operation relating to sea level | |
| altitude Tmin (Tmax - 10 K) at 795 hPa 658 hPa (+2 000 m +3 500 m) // Tmin (Tmax -20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m) Relative humidity With condensation, tested in accordance with IEC 60068-2-38, max. Resistance Use in stationary industrial systems — to biologically active substances according to EN 60721-3-3 — to chemically active substances according to EN 60721-3-3 — to mechanically active substances according to EN 60721-3-3 Use on ships/at sea — to biologically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 Usage in industrial process technology — Against chemically active substances acc. to EN 60654-4 — Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04 Remark — Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04 Connection method Tmin (Tmax -20 K) at 658 hPa 540 h | Installation altitude above sea level, max. | 5 000 m |
| With condensation, tested in accordance with IEC 60068-2-38, max. Resistance Use in stationary industrial systems — to biologically active substances according to EN 60721-3-3 — to chemically active substances according to EN 60721-3-3 — to mechanically active substances according to EN 60721-3-3 — to mechanically active substances according to EN 60721-3-3 — to biologically active substances according to EN 60721-3-3 — to demicially active substances according to EN 60721-3-6 — to chemically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-3 class 3 (excluding trichlorethylene) Yes; Class 3 (excluding trichlorethylene; harmful gas concentrations up to the limits of EN 60721-3-3 class 3 3C4 permissible); level LC3 (salt spray) and level LB3 (oil) *The supplied plug covers must remain in place over the unused interfaces during operation! | • | Tmin (Tmax - 10 K) at 795 hPa 658 hPa (+2 000 m +3 500 m) // Tmin (Tmax -20 K) at 658 hPa 540 hPa (+3 500 m +5 |
| Resistance Use in stationary industrial systems — to biologically active substances according to EN 60721-3-3 — to chemically active substances according to EN 60721-3-3 — to mechanically active substances according to EN 60721-3-3 — to biologically active substances according to EN 60721-3-3 — to mechanically active substances according to EN 60721-3-3 Use on ships/at sea — to biologically active substances according to EN 60721-3-6 — to chemically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 Usage in industrial process technology — Against chemically active substances acc. to EN 60654-4 — Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04 Remark — Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04 Connection method condensation conditions) Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B3 on request Yes; Class 3G2 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6B3 mold and fungal spores (excluding fauna); Class 6B3 on request Yes; Class 6B2 mold and fungal spores (excluding fauna); Class 6B3 on request Yes; Class 6B2 mold and fungal spores (excluding fauna); Class 6B3 on request Yes; Class 6B2 mold and fungal spores (excluding fauna); Class 6B3 on request Yes; Class 6B2 mold and fungal spores (excluding fauna); Class 6B3 on request Yes; Class 6B3 incl. sand, dust; * Yes; Class 6B3 incl. sand fungal spores (excluding fauna); Class 6B3 incl. sand fungal | Relative humidity | |
| Use in stationary industrial systems — to biologically active substances according to EN 60721-3-3 — to chemically active substances according to EN 60721-3-3 — to mechanically active substances according to EN 60721-3-3 Use on ships/at sea — to biologically active substances according to EN 60721-3-6 — to chemically active substances according to EN 60721-3-6 — to chemically active substances according to EN 60721-3-6 — to chemically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 Usage in industrial process technology — Against chemically active substances acc. to EN 60654-4 — Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04 *Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B2 mold, fundus, * Yes; Class 6B2 mold and fungal spores (excluding fauna); Cl | | · · · · · · · · · · · · · · · · · · · |
| - to biologically active substances according to EN 60721-3-3 - to chemically active substances according to EN 60721-3-3 - to mechanically active substances according to EN 60721-3-3 - to mechanically active substances according to EN 60721-3-3 Use on ships/at sea - to biologically active substances according to EN 60721-3-6 - to chemically active substances according to EN 60721-3-6 - to mechanically active substances according to EN 60721-3-6 - to mechanically active substances according to EN 60721-3-6 - to mechanically active substances according to EN 60721-3-6 - To mechanically active substances according to EN 60721-3-6 - To mechanically active substances according to EN 60721-3-6 - To mechanically active substances according to EN 60654-4 - Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04 Remark - Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04 Connection method Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B2 mold, fundus; * Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B2 mold, fundus; * Yes; Class 3B2 mold, fundus; ships and content spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6B2 mold and fungal spores (excluding fauna); Class 6B3 on request Yes; Class 6B2 mold and fungal spores (excluding fauna); Class 6B3 on request Yes; Class 6B3 incl. sand, dust; * Yes; Class 6 | Resistance | |
| to EN 60721-3-3 — to chemically active substances according to EN 60721-3-3 — to mechanically active substances according to EN 60721-3-3 — to mechanically active substances according to EN 60721-3-3 Use on ships/at sea — to biologically active substances according to EN 60721-3-6 — to chemically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 Usage in industrial process technology — Against chemically active substances acc. to EN 60654-4 — Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04 Remark — Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04 Connection method exception of fauna); Class 3B3 on request Yes; Class 3C4 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree | Use in stationary industrial systems | |
| to EN 60721-3-3 — to mechanically active substances according to EN 60721-3-3 Use on ships/at sea — to biologically active substances according to EN 60721-3-6 — to chemically active substances according to EN 60721-3-6 — to chemically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 Usage in industrial process technology — Against chemically active substances acc. to EN 60654-4 — Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04 Remark — Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04 Connection method 52 (severity degree 3); * Yes; Class 6B2 mold and fungal spores (excluding fauna); Class 6B3 on request Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6S3 incl. sand, dust; * Yes; Cl | | |
| use on ships/at sea — to biologically active substances according to EN 60721-3-6 — to chemically active substances according to EN 60721-3-6 — to chemically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 Usage in industrial process technology — Against chemically active substances acc. to EN 6054-4 — Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04 Remark — Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04 Connection method Yes; Class 6B2 mold and fungal spores (excluding fauna); Class 6B3 on request Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6S3 incl. sand, dust; * Yes; Class 6S3 incl. sand, dust; * Yes; Class 3 (excluding trichlorethylene) Yes; Class 6S3 incl. sand, dust; * Yes; Class 6S3 incl. sand, du | - | |
| - to biologically active substances according to EN 60721-3-6 - to chemically active substances according to EN 60721-3-6 - to mechanically active substances according to EN 60721-3-6 - to mechanically active substances according to EN 60721-3-6 Usage in industrial process technology - Against chemically active substances acc. to EN 60654-4 - Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04 Remark - Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04 Connection method Yes; Class 6B3 mold and fungal spores (excluding fauna); Class 6B3 on request Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6S3 incl. sand, dust; * Yes; Class 6S3 incl. sand, dust; * Yes; Class 3 (excluding trichlorethylene) Yes; Class 6S3 incl. sand, dust; * Yes; Class 6S3 incl. sand, dust | | Yes; Class 3S4 incl. sand, dust, * |
| to EN 60721-3-6 — to chemically active substances according to EN 60721-3-6 — to mechanically active substances according according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 Usage in industrial process technology — Against chemically active substances acc. to EN 60654-4 — Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04 Remark — Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04 Connection method 6B3 on request Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6S3 incl. sand, dust; * Yes; Class 3 (excluding trichlorethylene) Yes; Class 3 (excluding trichlorethylene) the limits of EN 60721-3-3 class 3C4 permissible); level LC3 (salt spray) and level LB3 (oil) * The supplied plug covers must remain in place over the unused interfaces during operation! | Use on ships/at sea | |
| to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 Usage in industrial process technology — Against chemically active substances according to EN 60654-4 — Environmental conditions for process, measuring and control systems according according to EN 60721-3-3 class 3C4 permissible); level LC3 (salt spray) and level LB3 (oil) Remark — Note regarding classification of environmental conditions according to EN 60721, EN 60654-4 and ANSI/ISA-71.04 52 (severity degree 3); * Yes; Class 6S3 incl. sand, dust; * Yes; Class 3 (excluding trichlorethylene) Yes; Level GX group A/B (excluding trichlorethylene; harmful gas concentrations up to the limits of EN 60721-3-3 class 3C4 permissible); level LC3 (salt spray) and level LB3 (oil) * The supplied plug covers must remain in place over the unused interfaces during operation! Connection method | | |
| according to EN 60721-3-6 Usage in industrial process technology — Against chemically active substances acc. to EN 60654-4 — Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04 Remark — Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04 Connection method Yes; Class 3 (excluding trichlorethylene) Yes; Level GX group A/B (excluding trichlorethylene; harmful gas concentrations up to the limits of EN 60721-3-3 class 3C4 permissible); level LC3 (salt spray) and level LB3 (oil) * The supplied plug covers must remain in place over the unused interfaces during operation! | - | |
| — Against chemically active substances acc. to EN 60654-4 — Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04 Remark — Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04 Yes; Class 3 (excluding trichlorethylene) | | Yes; Class 6S3 incl. sand, dust; * |
| to EN 60654-4 — Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04 Remark — Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04 Yes; Level GX group A/B (excluding trichlorethylene; harmful gas concentrations up to the limits of EN 60721-3-3 class 3C4 permissible); level LC3 (salt spray) and level LB3 (oil) * The supplied plug covers must remain in place over the unused interfaces during operation! Connection method | Usage in industrial process technology | |
| measuring and control systems acc. to ANSI/ISA-71.04 concentrations up to the limits of EN 60721-3-3 class 3C4 permissible); level LC3 (salt spray) and level LB3 (oil) Remark — Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04 * The supplied plug covers must remain in place over the unused interfaces during operation! Connection method | | Yes; Class 3 (excluding trichlorethylene) |
| — Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04 * The supplied plug covers must remain in place over the unused interfaces during operation! Connection method * The supplied plug covers must remain in place over the unused interfaces during operation! | measuring and control systems acc. to | concentrations up to the limits of EN 60721-3-3 class 3C4 |
| environmental conditions acc. to EN 60721, interfaces during operation! EN 60654-4 and ANSI/ISA-71.04 Connection method | Remark | |
| | environmental conditions acc. to EN 60721, | |
| | Connection method | |
| | | 40-pin |

| Dimensions | | |
|-----------------|------------|--|
| Width | 40 mm | |
| Height | 125 mm | |
| Depth | 120 mm | |
| Weights | | |
| Weight, approx. | 240 g | |
| last modified: | 05/13/2020 | |