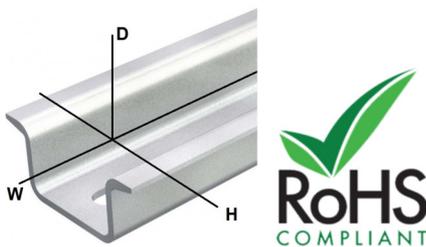


M12A8M-4xSplitterBox

M12 4x Splitter Box

The M12A8M-4xSplitterBox is a distribution box specifically designed for connecting up to four sensors or actuators. These sensors/actuators are connected to the spring-loaded terminals, internally wired accordingly and looped through to the M12 plug, see the PIN assignment for details. The distribution box also features four integrated strain reliefs that secure the sensor/actuator cables against tensile stress using appropriate cable ties. All metallic components are internally conductively connected and when the distribution box is mounted onto the DIN rail, are connected to the protective earth PE conductor.

It is certainly possible that the distribution box can be used for other purposes. However, the technical data must be taken into account and adhered to.



Key commercial data

| | |
|--------------------------------------|---------|
| Packing unit | 1 pc |
| Weight per piece (excluding packing) | 125g |
| Weight per piece (including packing) | 140g |
| Country of origin | Germany |

Technical data mechanically

| | |
|---|--------------------------|
| Width (W) | 76mm |
| Height (H) | 128mm |
| Depth (D) | 48mm |
| Ambient temperature (operation) | 0°C ... 50°C |
| Ambient temperature (storage/transport) | -20°C ... 70°C |
| Relative humidity | 90% without condensation |
| Mounting position | any |

Technical data electric

| | |
|--------------------------------|-----------|
| Nominal voltage U_N | 48V AC/DC |
| Nominal current I_N | 1A |
| Protection class | IP20 |
| Strain relief for PCB terminal | Yes |

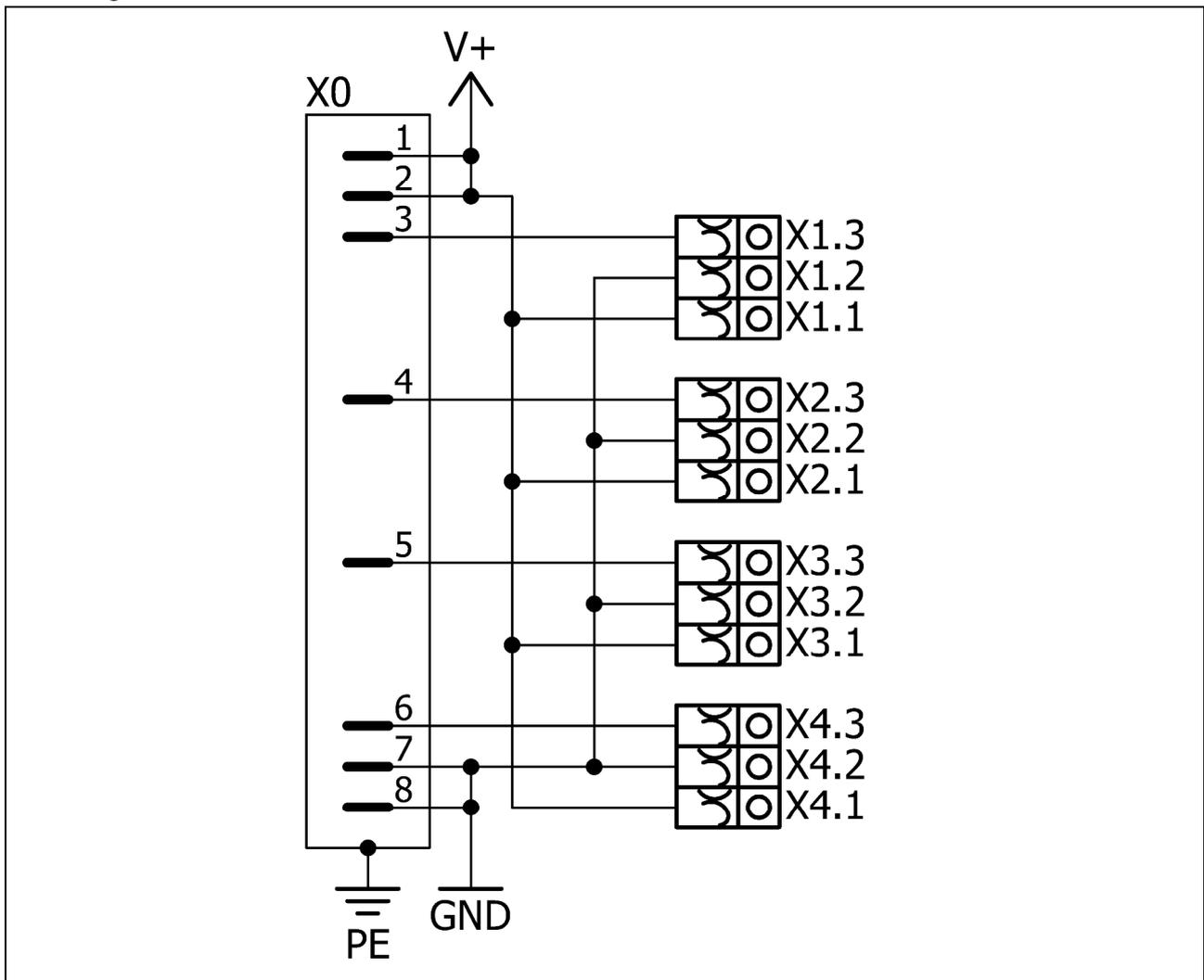
M12A8M-4xSplitterBox
M12 4x Splitter Box

| Connection data PCB terminal X1/X2/X3/X4 | |
|--|--|
| Connection type | Push-in spring connection |
| Conductor cross section solid | 0,25mm ² ... 1,5mm ² |
| Conductor cross section flexible | 0,25mm ² ... 1,5mm ² |
| Conductor cross section with ferrule, with/ without plastic sleeve | 0,25mm ² ... 1,5mm ² |
| Stripping length | 10mm |
| Connection data device connector X0 | |
| Connection type | M12 8-pol pin A coded |

Standards and Regulations

| | |
|-----------------------|-----------------|
| Standards/regulations | EN 50178: 10/97 |
|-----------------------|-----------------|

PIN assignment



M12A8M-4xSplitterBox

M12 4x Splitter Box

Pictures

