



- 1) Keep the metal pins to the side, don't use them just yet.
- 2) Fit the plastic connectors into the cable gland holes and tighten the nuts on the other end inside the gland. Ensure the large rubber washers and rings are positioned outside of the cable gland between the connectors and the casing, so that the gland remains waterproof.
- 3) Feed the cables through the hole in the roof or wall where the gland will be mounted, strip approximately 7mm of insulation at the end of the cables and crimp the metal pins on the cables. Observe the required polarity in your system. If a standard solar panel will be connected to this gland from outside, normally this solar panel will have its "+" cable with a male (plastic) connector. In such case, the female (plastic) connector of the cable gland will need to be attached to the "+" lead in your system, and the male (plastic) connector to the "-" lead in your system:



Therefore, for standard (and most) solar panels connected to this gland, the smaller of the two metal pins (male pin) should be connected to the "+" lead in your system, and the larger of the two metal pins (female pin) should be connected to the "-" lead in your system.

However please always double check polarity of connections in your system as it might be different from the above. Note: the pins can only be used once. When they are crimped on the cable, they cannot be removed. When the cable with the pins is inserted into the plastic connectors, it cannot be pulled out.

- 4) The best crimping results are achieved by using a crimping tool with "wrap" type crimping dies for 4-6mm² cables (such as a tool for T4 / MC4 / solar connectors):



- 5) Push the cables with pins into the plastic housing of connectors from inside the cable gland (male pin into the female connector, female pin into the male connector) until they "click". Loosen the nuts of connectors slightly if required to avoid bending the pins, and once the pins "click", tighten the nuts again.
- 6) Mount the cable gland in your desired place using a suitable adhesive and put the rubber caps on the solar connectors to keep them waterproof if a solar panel is not connected to them straight away.