

PSW2M

General

The module PSW2M extends a compatible signal converter or data logger (like SICOLOG, SICO3, SICO2, CFDL1 or DL16CAN) with a two-channel power switch via the AOUT connection. The output is galvanically isolated, reverse polarity protected, and suitable for inductive loads.

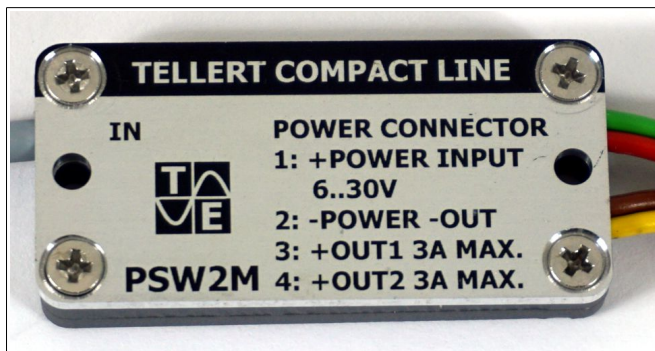


Figure 1: Power switch PSW2M.

Pin Assignment

The 5-pin plug of the PSW2M is manufactured by Binder and parts of [Binder Series 719](#). And the 4-pin plug of the PSW2M is manufactured by AMP and parts of series *Superseal*.

IN: This plug provides the input signals.

Pin	Assignment
1	Input signal 1. Current consumption 3 mA (or 50 μ A if $U_A > 5$ V).
2	Input signal 2. Current consumption 3 mA (or 50 μ A if $U_A > 5$ V).
3	Not connected
4	Optional auxiliary voltage U_A . Current consumption < 7 mA if $U_A > 5$ V.
5	Ground

OUT: This plug provides the connection to the two outputs.

Pin	Assignment
1	Switched power supply $+U_B$
2	Switched ground
3	Output 1 ($+U_B$ or 0 V; max. 3 A) $R_i(+U_B) < 0.02 \Omega$
4	Output 2 ($+U_B$ or 0 V; max. 3 A) $R_i(+U_B) < 0.02 \Omega$

Technical Data

Box dimensions:	46 mm x 22 mm x 8 mm
Typical weight:	35 g
Typical current consumption:	< 7 mA