

Scaling values for Frequency input modules 5100541 and 5100641



Range F1X: 5.0 to 199.9 Hz

DP: 111.1
HIE: 199.9
LOE: 5.0
HI: 199.9
LO: 5.0

Range F2X: 10 to 1999 Hz

DP: 1111
HIE: 1999
LOE: 10
HI: 1999
LO: 10

* Replace X with :

A for Namur
B for NPN, PNP & Contact
C for 600 VAC

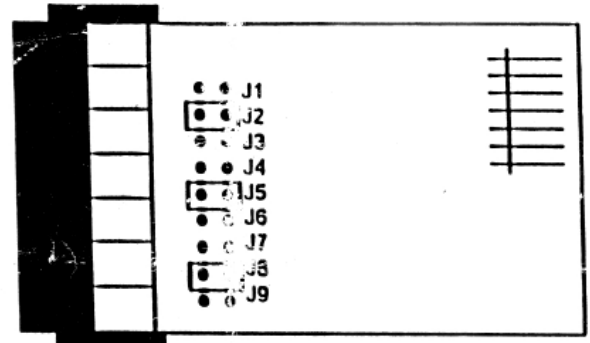
F2B is the default range set from factory. In order to select other ranges, set jumper, select range code according to user manual and enter the scaling parameters as indicated above.

5100641 has the programming lock (PROG LOCK) option. By interconnecting the two terminals marked "PROG LOCK" it is still possible to see the programmed parameters, but any changing of the programmed parameters will be disabled. If attempting to change parameters, the panel meter will lock for approx. 3 minutes and then restart.

Input Modules 5100541 / 5100641 Frequency input



Jumper Settings



Component side view

Range selection:	Jumper	Range code
199.9 Hz	J7	7
1999 Hz	J8	8

Input selection:	Jumper
Namur	J1, J4, J6
NPN, PNP, Contact	J2, J5
600 VAC	J3

The Namur sensor shall be connected in the following way :

Vout Sensor = + wire from Namur
IMP INPUT = - wire from Namur

The NPN, PNP and Contact shall be connected to the terminals marked IMP INPUT and IN LO.

AC voltages shall be connected to 600 VAC and IN LO.

Note: The jumper setting shown is the factory setting.
Range : 1999 Hz; Input: NPN, PNP, Contact.

Carlo Gavazzi Industri A/S
Qualified in accordance with ISO 9001