

G4 PROGRAM DESCRIPTION

Program: G4MI_1.6.115.0



Special program for adding 1 of 8 offsets.

This description is valid for:

G4 Weighing Instrument with application program **1.6.115.0**

See also the following descriptions

G4 Weighing Instrument Special Program version 1.6.115.0

Technical Manual PM/DT/HE (www.vishaypg.com/doc?35144)

G4 Weighing Instrument Program version 1.5.0.0

Operating instructions, Quick installation PM/DT/HE (www.vishaypg.com/doc?35186)

If these descriptions in any case are contradictory, this description is valid.

Special Program options:

To get the functionality described below one 'Program options' has to be activated.

Special Program Option 1: Enable the special functions.

See a detailed description of 'Program options' below.

General

This special program has functions for adding one of eight selectable offset to the net weight of channel 2. The added offset is selected by activating one (or more) of eight dedicated digital inputs. The offset value and name is entered as set-up parameters.

Operation

The eight inputs in the first slot of G4 (input 11 – 18) are dedicated for activating up to eight offset values that, if activated, will be added to the net weight of channel 2 .

The offset value and offset name of each of the eight inputs are entered as set-up parameters in the menu for the inputs in slot 1.

The name of the activated input (11 –18) can be displayed on the info-line 1 and/or 2 in the single channel view of the graphical display (not when using a G4-RM type), if the set-up parameter 'General / Info line X mode' is set to 'Special'.

If an input (11-18) is activated, channel 2 is set to 'Net' mode and the corresponding offset value is added to the net weight.

If any of the info-line modes are set to special, the corresponding offset name is displayed.

If more then one input is activated the corresponding offset values are added, and corresponding offset names are displayed after each other as far as space is available on the info-line.

Set-up parameters

Added or changed menus and parameters.

Menu 'General'

This parameters 'Info line X mode' has been extended with a new choice 'Special'

Info line X mode

Choices:	New choice:
Not in use	'Special' : Displays activated inputs (11 – 18) offset names.
Acc.Weight	
Preset Tare	
Scale Name	
Batching Status	
Special	
<Not in use>	

Menu 'Calibration'

This parameters 'Measurement unit' has been extended with two new choices

Measurement Unit

Choices:	New choice:
NONE	'kp' New unit when measuring in kilopond.
--	'mm: New unit when measuring distance.
kp	
--	
mm	
<Not in use>	

Menu 'Inputs'

The parameters for 'Inputs Slot 1' has been dedicated for selecting one (or more) offset values and the inputs cannot be selected for any other functions. Each input has therefore two new parameters

Input 'XX' Offset

Range:	The offset value is added to the net weight of channel 2 when the input is activated.
0 - 99999	
<0>	

Input 'XX' Name

Alphanumeric string:	The offset name is displayed on info line 1 and/or 2 if the corresponding 'info line X mode' parameter is set to 'Special'
Max. 16 characters	
<" ">	

Menu 'Program options'

This menu has been extended with one sub menu 'Special Prog. Option 1'

This program options must be activated with an option code to be functional. The option code can be purchased from your instrument supplier.

13: Special Prog. Option 1

< - >	<p>The option code necessary to activate the adding of offset values, and displaying of offset names.</p> <p>To temporarily use the program option, enter the string 'Demo' (irrespective of upper/lower case). This will allow to use the option for 14 days e.g. for try out.</p> <p>Enter a '-' to turn off the program option.</p> <p>The program option can be used for several short periods but after a total use of 14 days it will be permanently turned off until a valid code is entered.</p>
-------	--

Program options

A program option is a program functionality that must be purchased separately. It is not available until a valid option code is entered. An option code can be purchased at the same time as the instrument or separately at a later occasion. The program option code is directly related to the individual S/N of the CPU module and the if a special program also with the special program number. When ordering an option code it must be defined which CPU S/N it should apply to and ev. the program number that should be used.

There is a possibility to use a program option for a limited time without an option code. This can be of use e.g. if the user would like to try out a program option, if a CPU is replaced and a new option code has not yet been acquired, etc.

Entering the text 'Demo' as the option code will give the user access to the program option during 14 days. After this period has expired a valid option code must be entered if the program option should be used. It is possible to disable demo mode if it is not used continuously. Entering a '-' instead of option code or 'Demo' will disable the program option. The 14-day period is only counted when demo mode is enabled. If the 14-day period has expired the text 'Demo Expired' is shown which indicates that the demo mode is no longer available.

In the sub menu 'Program Options' are all available program options shown.

In the special program described in this manual is 'Flow rate' and 'Scale batching', and 'Special Prog option 1' available as a program options.

If a program option is enabled in demo mode there will be an indication in the weight display. See below.

Document no. 35017
PG4MI_1_6_115_0_E1R2
© Vishay Nobel AB, 2011-10-20
Subject to changes without notice, set forth at www.vishaypg.com/doc?63999.

Vishay Nobel AB

Box 423, SE-691 27 Karlskoga, Sweden
Phone +46 586 63000 · Fax +46 586 63099
pw.eur@vishaypg.com
www.weighingsolutions.com