



# DP18 Series

## Option APH1

### Analog Peak Hold Option

INSTRUCTION SHEET

M2122/1294

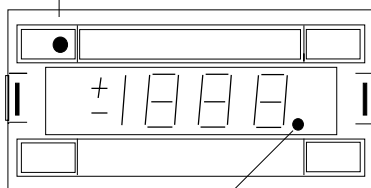


## ANALOG PEAK HOLD OPTION

OPTION APH1 : Incompatible with options R1, R2, BCD, 232

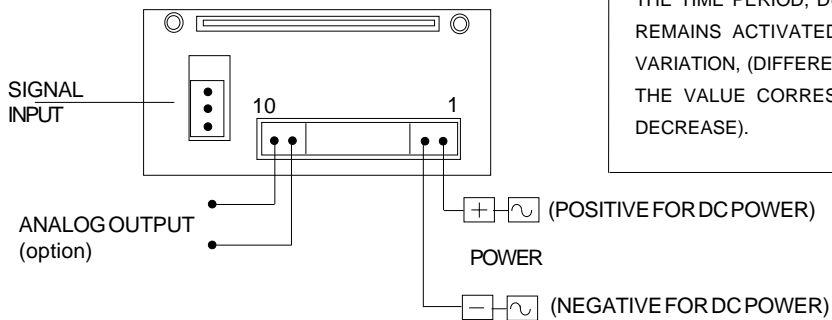
### FRONT VIEW

PUSHBUTTON RESET OF FUNCTION HOLD



DECIMAL POINT, POINTER THAT THE "HOLD" FUNCTION, IS ACTIVATED.

### REAR VIEW



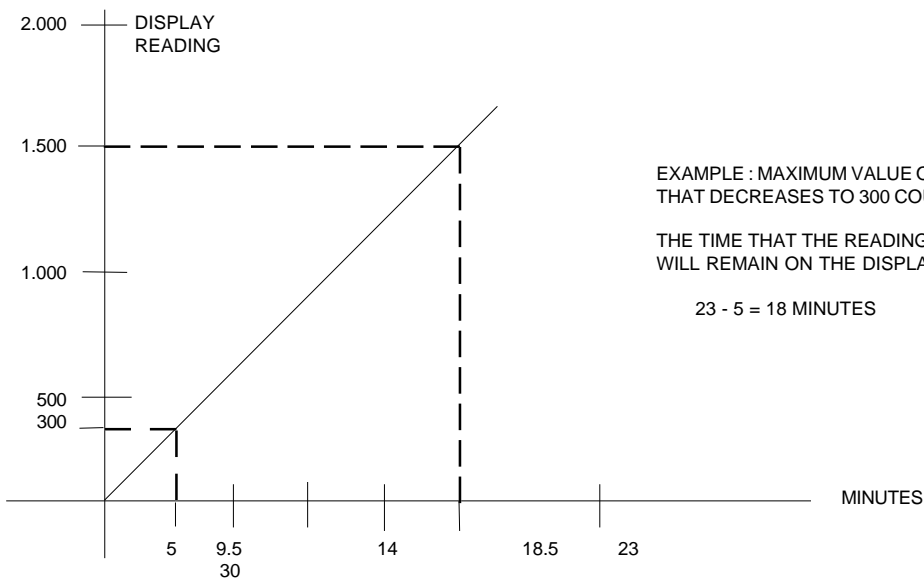
### SPECIFICATIONS

THIS SYSTEM FOR MAXIMUM READING, IS AVAILABLE FOR THOSE APPLICATIONS WHERE A SUDDEN SIGNAL DECREASE IS PRODUCED. FOR EXAMPLE: TEST SAMPLES SYSTEM, PRESSURE TESTS, COMPRESSION, STRENGTH, VACUUM, ETC.

THIS SYSTEM OPERATES WHEN THE SIGNAL INPUT DECREASES, GENERATING AN ORDER THAT BLOCKS INSTANTANEOUSLY, THE PRESENT READING IN THE DISPLAY, ACTING ON THE "HOLD" FUNCTION. THE DECIMAL POINT, PLACED TO THE RIGHT SIDE, ILLUMINATES, (1XXX.), WHEN THE DISPLAY IS INDICATING A PEAK (MAXIMUM VALUE).

PRESSING THE PUSHBUTTON RESET, THE FUNCTION "HOLD" DISAPPEARS, AND THE DISPLAY CHANGES TO READ THE CORRESPONDING VALUE OF THE INPUT SIGNAL.

THE TIME PERIOD, DURING WHICH THE "HOLD" FUNCTION REMAINS ACTIVATED, DEPENDS ON THE SIGNAL INPUT VARIATION, (DIFFERENCE BETWEEN THE PEAK VALUE AND THE VALUE CORRESPONDING TO THE SUDDEN SIGNAL DECREASE).



EXAMPLE : MAXIMUM VALUE OF 1.500 COUNTS, THAT DECREASES TO 300 COUNTS.  
THE TIME THAT THE READING OF 1.500 COUNTS, WILL REMAIN ON THE DISPLAY, WILL BE :

$$23 - 5 = 18 \text{ MINUTES}$$



**WARRANTY/DISCLAIMER**

OMEGA warrants this unit to be free of defects in materials and workmanship and to give satisfactory service for a period of **13 months** from date of purchase. OMEGA Warranty adds an additional one (1) month grace period to the normal **one (1) year product warranty** to cover handling and shipping time. This ensures that OMEGA's customers receive maximum coverage on each product. If the unit should malfunction, it must be returned to the factory for evaluation. OMEGA's Customer Service Department will issue an Authorized Return (AR) number immediately upon phone or written request. Upon examination by OMEGA, if the unit is found to be defective it will be repaired or replaced at no charge. However, this WARRANTY is VOID if the unit shows evidence of having been tampered with or shows evidence of being damaged as a result of excessive corrosion; or current; heat; moisture or vibration; improper specification; misapplication; misuse or other operating conditions outside of OMEGA's control. Components which wear or which are damaged by misuse are not warranted. These include contact points, fuses and triacs.

**OMEGA is pleased to offer suggestions on the use of its various products. However OMEGA neither assumes responsibility for any omissions or errors nor assumes liability for any damages that result from the use of its products in accordance with information provided by OMEGA, either verbal or written. OMEGA only warrants that the parts manufactured by it will be as specified and free of defects. OMEGA MAKES NO OTHER WARRANTIES OR REPRESENTATIONS OF ANY KIND WHATSOEVER, EXPRESSED OR IMPLIED, EXCEPT THAT OF TITLE AND ALL IMPLIED WARRANTIES INCLUDING ANY WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED.**

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CONDITIONS: Equipment sold by OMEGA is not intended to be used, nor shall it be used: (1) as a "Basic Component" under 10 CFR 21 (NRC), used in or with any nuclear installation or activity; or (2) in medical applications or used on humans. Should any Product(s) be used in or with any nuclear installation or activity, medical application, used in humans, or misused in any way. OMEGA assumes no responsibility as set forth in our basic WARRANTY/DISCLAIMER language, and, additionally, purchaser will indemnify OMEGA and hold OMEGA harmless from any liability or damage whatsoever arising out of the use of the Product(s) in such a manner.



**Servicing USA and Canada: Call OMEGA Toll Free**

**USA Canada**

One Omega Drive, Box 4047 976 Bergar  
Stamford, CT 06907-0047 Laval (Quebec) H7L 5A1  
Telephone: (203) 359-1660 Telephone: (514) 856-6928  
FAX: (203) 359-7700 FAX: (514) 856-6886

Sales Service: 1-800-826-6342 / 1-800-TC-OMEGA<sup>SM</sup>  
Customer Service: 1-800-622-2378 / 1-800-622-BEST<sup>SM</sup>  
Engineering Service: 1-800-872-9436 / 1-800-USA-WHEN<sup>SM</sup>  
TELEX: 996404 EASYLINK: 62968934 CABLE: OMEGA

**Servicing Europe: One OMEGA Drive, River Bend  
Thecnology Centre**

Northbank, Irlam, Manchester  
M44 5EX, England  
Telephone: 44 (161) 777-6611 FAX: 44 (161) 777-6622

**RETURN REQUESTS / INQUIRIES**

Direct all warranty and repair requests/inquiries to the OMEGA ENGINEERING Customer Service Department. BEFORE RETURNING ANY PRODUCT(S) TO OMEGA, PURCHASER MUST OBTAIN AN AUTHORIZED RETURN (AR) NUMBER FROM OMEGA'S CUSTOMER SERVICE DEPARTMENT (IN ORDER TO AVOID PROCESSING DELAYS). The assigned AR number should then be marked on the outside of the return package and on any correspondence.

FOR **WARRANTY** RETURNS, please have the following information available BEFORE contacting OMEGA:

1. P.O. number under which the product was PURCHASED.
2. Model and serial number of the product under warranty, and
3. Repair instructions and/or specific problems relative to the product.

FOR **NON-WARRANTY** REPAIRS, consult OMEGA for current repair charges. Have the following information available BEFORE contacting OMEGA:

1. P.O. number to cover the COST of the repair,
2. Model and serial number of product, and
3. Repair instructions and/or specific problems relative to the product.

OMEGA's policy is to make running changes, not model changes, whenever an improvement is possible. This affords our customers the latest in technology and engineering.

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