

# BRIGHT

## Compact Local Readout/Control Module for Mass Flow and Pressure Meters/Controllers

### > Introduction

Bronkhorst High-Tech B.V., manufacturers of advanced mass flow metering and control systems for gases and liquids, offer various standard Power Supply / Readout Systems for use with Thermal and Coriolis Mass Flow Controllers, Pressure Controllers and other transmitters and transducers. This product line is now extended with a compact Readout/Control Module for local indication and operation.

### > Description

The objective for the development of the new R/C-module was to offer a modern, economical alternative for peripheral Readout/Control electronics with integrated power supply. Furthermore it should comply with the demand for local indication of the actual flow-rate and/or totalised fluid consumption.

Bronkhorst High-Tech designed the new R/C-module, fulfilling these requirements, and more! The module not only allows reading of actual and total flow, simultaneously, but also features local operation, i.e. change of setpoint, counter reset, setting of engineering units, fluid name and tag number, etc. Four push-buttons at the right side of the device give access to a user-friendly menu. The bright 1.6" display is clearly visible over a wide angle, due to state-of-the-art OLED-technology. The weatherproof (IP65) housing makes the module suitable for use in industrial areas and the module can be mounted on the instrument or, using an optional mounting kit, on an adjacent wall or panel and on the pipework.



Example of pipe mounting by means of optional mounting bracket



### > Features

- ◆ Bright, wide-angle display (OLED-technology)
- ◆ Indication of:
  - measured value (direct or %)
  - setpoint
  - totalised flow
  - fluid / tag number
- ◆ User-friendly operation
- ◆ Mounting on instrument, pipework or wall

### > Specifications

- ◆ Suitable for connection to instruments with RS232 I/O-signals
- ◆ Required supply voltage 15...24 Vdc
- ◆ T-connector with 9-pin D-sockets for lab-style or 8-pin DIN sockets for industrial style instruments (1 male, 1 female), 4-pin DIN connection plus cable to R/C-module
- ◆ 1.6" OLED display
- ◆ 4 push buttons for menu operation

### > Models

- ◆ Bright B1: IP40 R/C-module
- ◆ Bright B2: IP40 R/C-module c/w mounting kit
- ◆ Bright B3: IP65 R/C-module
- ◆ Bright B4: IP65 R/C-module c/w mounting kit



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