

REMOTE CONTROL mod. RC24
OPERATIVE SPECIFICATIONS

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| Application: | Remote display and control of our process line analyzers |
| Type of function: | <p>Interfacing with UR24 Analysis Unit with possible display, calibration, diagnostics and operating parameter setting options.</p> <p>Measurement of the pH parameter.</p> <p>Acquisition, via Analog inputs, of mV, mA, Pressure and temperature signals.</p> <p>Activation of two programmable alarm contacts.</p> <p>Acquisition of two programmable input contacts.</p> <p>Management of 3 serial outputs one of which is personalizable via HMS module.</p> |

GENERAL SPECIFICATIONS

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| Power supplies | <p>Electric:</p> <p>AC 24V ±10%, 50...60Hz, 10VA</p> <p>DC 24V ±10%, 10W</p> |
| Interfaces | <p>Analog:</p> <p>2 active output channels 0...20mA or 4...20mA (470Ω max.) which can be configured in the "Initial and End Scale" values.</p> <p>4 auxiliary input channels.</p> <p>Digital:</p> <p>RS485 for connection to the remote control Unit "CM00" (Multilab), to PC with RS485 interface and "Labtech" data acquisition Software Package or similar, to PC with RS485 interface (Optomux protocol).</p> <p>RS485 for connection to the UR24 Digital Refractometer.</p> <p>PROFIBUS DP or ETHERNET/IP (optional).</p> <p>Inputs:</p> <p>N° 2 configurable inputs</p> <p>Outputs:</p> <p>N° 2 relay outputs for alarm signals with contacts of a maximum capacity 1A/24V DC/A</p> |
| Notes: | All interfaces are optically isolated from the power supply (VDE0160) and are completely configurable from the keypad. All connections must be made via connections to connectors. |

CONSTRUCTION FEATURES

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| Execution: | ABS casing (UL94HB) RAL 7035 suitable for cabinet or wall mounting |
| Function: | System management, data processing, operator interface, interfacing with analysis unit, interfacing with additional elements and with the process line |
| Electronic section: | <p>Central "CPU" unit with microprocessor with management software on Flash, updatable via PC; communication, interfaceability with analysis unit via serial RS485 protocol.</p> <p>Indication of measurement, software menu display, diagnostics menu, error messages and operating status indicator icons on graphic backlit color display LCD 320x240 pixel with "LCD Saving" function and touch-screen.</p> <p>3-level programming software complete with password protection and check menu.</p> <p>6 language options (Italian, English, Spanish, French, German, Chinese) for menu and message display.</p> <p>Process temperature expressed in "°C" or "°F" and pressure expressed in "kg/cm²" or "psi".</p> <p>Possibility to store and call up at any time groups of parameters known as "recipes" containing production parameters.</p> |
| Accessories: | Plate for Panel mounting |
| Dimensions and weight: | 200 (w) x 120 (h) x 90 (d), 1.2 kg |

TECHNICAL-NORMATIVE SPECIFICATIONS

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| Environmental Features | Temperature limits: Environment: -10...+45 °C (14...113 °F) Storage: -20...+70 °C (-4...+158 °F) Humidity limits: Environment: 5%...95% (U.R. without condensate) Storage: 5%...95% (U.R. without condensate) Altitude limits: <2000 m a.s.l. Degree of protection: IP65 in accordance with EN60529 |
| Conformity to Directives | EMC: 2014/30/EU EC marking of conformity to EU Directives |