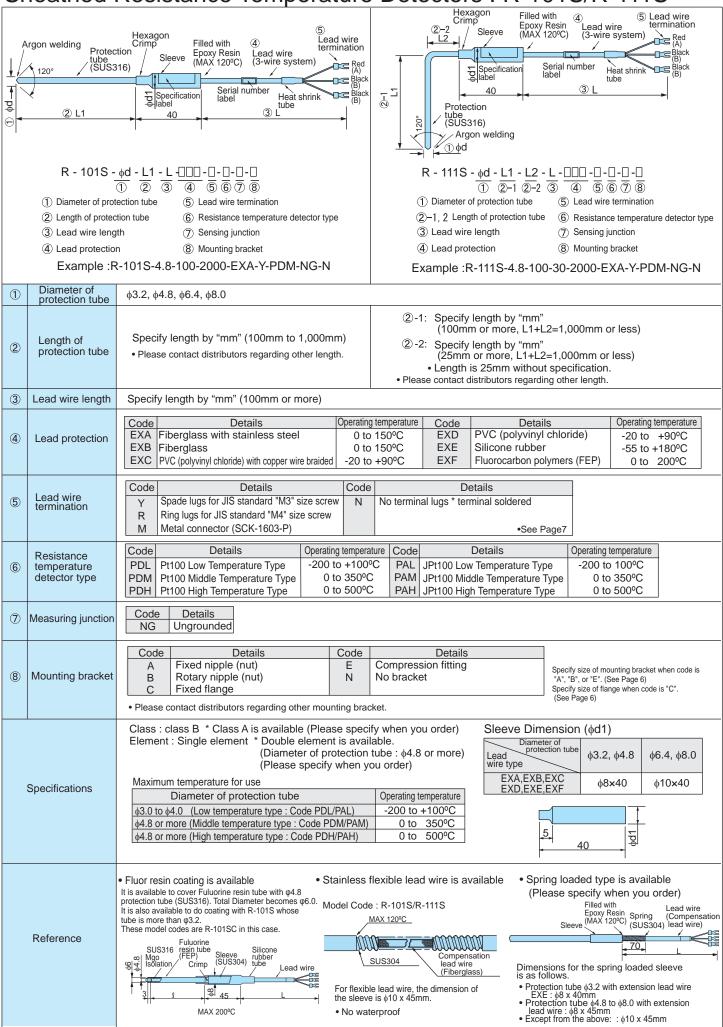
Sheathed Resistance Temperature Detectors: R-101S/R-111S



Sheathed Resistance Temperature Detectors: R-30S/R-35S Specification Terminal head label Terminal head Specification label Argon welding Protection B iube (SUS316) tube (SUS316) 120° Θ 1209 Serial number label Serial number label 2 L1 PF3/8 PF1/2 No lead wire No lead wire R - 30S - \(\phi d - L1 - \[\] - \[\] R - 35S - 6d - L1 - □- □- □ <u>(1)</u> 2 6 7 8 2 6 7 8 <u>(1)</u> With lead wire With lead wire R - 30S - \(\phi d - L1 - L - \(\Bigcup \Bigcup \) - \(\Bigcup - \Bigcup - \Bigcup 5 6 7 8 1 2 3 4 $\overline{\bigcirc}$ $\overline{\bigcirc}$ 1 Diameter of protection tube (5) Lead wire termination (5) Lead wire termination 1 Diameter of protection tube (2) Length of protection tube 6 Resistance temperature detector type 2 Length of protection tube 6 Resistance temperature detector type 3 Lead wire length (7) Sensing junction 3 Lead wire length Sensing junction 4 Lead protection (8) Mounting bracket (4) Lead protection (8) Mounting bracket Example: R-30S-4.8-100-PDM-NG-N (No lead wire) Example: R-35S-5-100-PDM-NG-N (No lead wire) :R-35S-5-100-2000-EXA-Y-PDM-NG-N (With lead wire) :R-30S-4.8-100-2000-EXA-Y-PDM-NG-N (With lead wire) Diameter of 1 φ3.2, φ4.8, φ6.4, φ8.0 $\phi 4.8, \, \phi 6.4, \, \phi 8.0$ protection tube Specify length by "mm" (100mm to 1,000mm) Specify length by "mm" (100mm to 1,000mm) Length of protection tube 2 • Please contact distributors regarding other length. • Please contact distributors regarding other length. 3 Lead wire length Specify length by "mm" (100mm or more) Code Details Operating temperature Code Details Operating temperature EXA Fiberglass with stainless steel 0 to 150°C EXD PVC (polyvinyl chloride) -20 to +90°C 4 protection EXB Fiberglass 0 to 150°C EXE Silicone rubber -55 to +180°C **EXC** PVC (polyvinyl chloride) with copper wire braided -20 to +90°C l to Details Code Code Details Lead wire termination Spade lugs for JIS standard "M3" size screw Ν No terminal lugs * terminal soldered Υ (5) Ring lugs for JIS standard "M4" size screw R Metal connector (SCK-1603-P) M See Page7 Operating temperature Operating temperature Code Details Code Details Resistance PAL | JPt100 Low Temperature Type -200 to +100°C -200 to 100°C PDL Pt100 Low Temperature Type 6 temperature 0 to 350°C PAM 0 to 350°C PDM Pt100 Middle Temperature Type JPt100 Middle Temperature Type detector type 0 to 500°C PDH Pt100 High Temperature Type JPt100 High Temperature Type 0 to 500°C Code **Details** 7 Measuring junction Ungrounded NG Code Details Code Details Fixed nipple (nut) Е Compression fitting Α Specify size of mounting bracket when code is (8) Mounting bracket Rotary nipple (nut) Ν No bracket R "A", "B", or "E". (See Page 6) Specify size of flange when code is "C" Fixed flange (See Page 6) • Please contact distributors regarding other mounting bracket. Class : class B * Class A is available (Please specify when you order) Element: Single element * Double element is available. (Only for R-35S) (Please specify when you order) Maximum temperature for use **Specifications** Diameter of protection tube Operating temperature Low temperature type: Code PDL/PAL -200 to +100°C 0 to 350°C Middle temperature type: Code PDM/PAM High temperature type : Code PDH/PAH 0 to 500°C • Fluor resin coating is available It is available to cover Fuluorine resin tube with $\phi 4.8$ protection tube (SUS316). Total Diameter becomes φ6.0. It is also available to do coating with R-101S whose tube is more than $\phi 3.2$. These model codes are R-30SC/R-35SC in this case. SUS316 Fuluorine Mgo resin tube Isolation / (FEP) Reference Operating temperature for regular use : 180°C Maximum temperature : 200°C

R-30SC-6.0-100-PDM-NG-N (No lead wire)

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• Please contact distributors regarding Fuluorine coating type.

Sheathed Resistance Temperature Detectors: R-90S

