Remote System
User's Guide

Attention for Installation
(Read this section thoroughly before installation.)

Before using the Remote Sensor, read this manual carefully.
During installation and operation, pay close attention to the safety aspect.

- Ensure the power is switched off during installation or maintenance operations.
- Use a regulated power supply, e.g. switch-modal type. Simpler power supplies, such as a full-wave rectification type, will cause the permissible ripple rating to be exceed and may cause malfunction.
- Ensure correct connections by reference to the wiring diagram.
- To avoid malfunction caused by induction noise, cable should be kept apart from motor or other power cable.

Transmission head / Output head specification

Transmission head:

- DC 2-wire detector switch
- DC 3-wire detector switch
- DC 2-wire
- DC 3-wire

Output head:

- NPN type
- PNP type
- 8 signals
- 1 signal

Remote Terminal:

- RS8TA-222D-S04 / RS8TA-222P-S04
- RS8T-222D-S04 / RS8T-222P-S04

DC-2Wire

Wiring

Remote Terminal:

- RS8TA-222D-S04 / RS8TA-222P-S04
- RS8T-222D-S04 / RS8T-222P-S04

Application Transfer head:

- RSH8T-030N-PU-
- RSH8T-030P-PU-
- RSH8T-030PU-

Application Detector SW:

- DC2W
- DC3W

Applicable angle connector type:

- Detectors connector
- External controller

The unused connector should be protected in an exclusive protection cap (option).

Protection cap: PH04142

Remote Sensor System
Switch signal Terminal unit version
8 signals transmission

Remote terminal:

- RS8T-222D-S04 / RS8TA-222P-S04
- RS8T-222D-S04 / RS8T-222P-S04

Transmission head:

- RSH8E-030P-PU-
- RSH8T-030P-PU-
- RSH8T-030PU-

Material:

- Nickel plated brass
- Fluorinated resin coated

Environment:

- Ambient temperature:
- Humidity:
- Temperature:
- Humidity:

Protection class:

- IP 67
- IP 65

M57

Connector

Type code

- Standard type
- Anti-weld slag type

Electric properties:

- voltage:
- current:
- load

Installation

Influence of surrounding metal and Mutual interference

In order to avoid influence of surrounding metal or to avoid mutual interference between parallel-mounted sensors, keep the minimum space as described below.

Type code:

- A
- B
- C

Protection cap:

- PH04142

Remote Terminal:

- RS8TA-222D-S04 / RS8TA-222P-S04
- RS8T-222D-S04 / RS8T-222P-S04

Applicable angle connector type:

- Detectors connector
- External controller

The unused connector should be protected in an exclusive protection cap (option).

Protection cap: PH04142

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