

Part No.

# QTHA-KIT22

*Ralston Quick-test DP Transmitter Kit for Hose Mount*

Hose and adapters used to calibrate DP pressure transmitters



QTHA-KIT22

## Included Items

- 1/8" Male NPT - 1/8" male NPT QD (Quick-connect) Adapter, S.S. (QTHA-1MS0-QD)
- 1/4" Male NPT - 1/4" male NPT QD (Quick-connect) Adapter, S.S. (QTHA-2MS0-QD)
- 1/2" Male NPT - 1/2" Male NPT Quick-connect x male Quick-test, S.S. (QTHA-4MS0-QD)
- 1/4" Tube - 1/4" tube fitting x male Quick-test, no check-valve, brass (QTHA-2TB0)
- 3/8" Tube - 3/8" tube fitting x male Quick-test, no check-valve, brass (QTHA-3TB0)
- 1/2" Tube - 1/2" tube fitting x male Quick-test, no check-valve, brass (QTHA-4TB0)
- 5/16-24" DP Transmitter - 5/16"-24 UNF x male Quick-test, no check-valve, S.S. (QTHA-FRS0)
- 1/4"-28" DP Transmitter - 1/4"-28 UNF X male Quick-test, no check-valve, S.S. (QTHA-HNS0)
- Hose - Quick-test 6900 psi hose, brass hose ends, 3 ft (92 cm) long (QTQT-HOS-3ft)
- Bag - Zippered bag to hold hose and adapters, nylon (SM-0084)

## 1/8" Male NPT QTHA-1MS0-QD

|                           |                                             |
|---------------------------|---------------------------------------------|
| Country of origin         | USA                                         |
| Has Check Valve           | No                                          |
| Materials                 | Stainless Steel                             |
| Max Operating Temperature | 225 °F / 105 °C                             |
| Max Pressure              | 5000 PSI / 350 bar / 35 MPa                 |
| Min Operating Temperature | 0 °F / -18 °C                               |
| Seal Materials            | Buna-N, Teflon                              |
| Connector End 1           | 1/8" Male NPT (ASME B1.20.1)                |
| Connector End 2           | Male Quick-test                             |
| Dimensions                | H: 1.75 in (4.45 cm) x W: 0.87 in (2.21 cm) |

## 14" Male NPT QTHA-2MS0-QD

|                           |                                          |
|---------------------------|------------------------------------------|
| Country of origin         | USA                                      |
| Has Check Valve           | No                                       |
| Materials                 | Stainless Steel                          |
| Max Operating Temperature | 225 °F / 105 °C                          |
| Max Pressure              | 5000 PSI / 350 bar / 35 MPa              |
| Seal Materials            | Buna-N, Teflon                           |
| Connector End 1           | 1/4" Male NPT (ASME B1.20.1)             |
| Connector End 2           | Male Quick-test                          |
| Dimensions                | H: 1.88 in (4.78 cm) x W: 1 in (2.54 cm) |

## 1/2" Male NPT QTHA-4MS0-QD

|                           |                              |
|---------------------------|------------------------------|
| Country of origin         | USA                          |
| Dimensions A              | 0.00 In / 0.00 mm            |
| Dimensions B              | 0.00 In / 0.00 mm            |
| Has Check Valve           | No                           |
| Materials                 | Stainless Steel              |
| Max Operating Temperature | 140 °F / 60 °C               |
| Max Pressure              | 5000 PSI / 350 bar / 35 MPa  |
| Min Operating Temperature | 0 °F / -18 °C                |
| Seal Materials            | Buna-N, Teflon               |
| Connector End 1           | 1/2" Male NPT (ASME B1.20.1) |
| Connector End 2           | Male Quick-test              |

## 1/4" Tube QTHA-2TB0

|                           |                                             |
|---------------------------|---------------------------------------------|
| Country of origin         | USA                                         |
| Has Check Valve           | No                                          |
| Materials                 | Brass                                       |
| Max Operating Temperature | 225 °F / 105 °C                             |
| Max Pressure              | 5000 PSI / 350 bar / 35 MPa                 |
| Max Vacuum                | 0.00 InHg / 0.0 kPa                         |
| Seal Materials            | Buna-N                                      |
| Connector End 1           | 1/4" Male Tube Fitting                      |
| Connector End 2           | Male Quick-test                             |
| Dimensions                | H: 1.47 in (3.73 cm) x W: 0.56 in (1.42 cm) |

## 3/8" Tube QTHA-3TB0

|                   |     |
|-------------------|-----|
| Country of origin | USA |
| Has Check Valve   | No  |

### 3/8" Tube QTHA-3TB0

|                           |                                             |
|---------------------------|---------------------------------------------|
| Materials                 | Brass                                       |
| Max Operating Temperature | 225 °F / 105 °C                             |
| Max Pressure              | 5000 PSI / 350 bar / 35 MPa                 |
| Max Vacuum                | 0.00 InHg / 0.0 kPa                         |
| Seal Materials            | Buna-N                                      |
| Connector End 1           | 3/8" Male Tube Fitting                      |
| Connector End 2           | Male Quick-test                             |
| Dimensions                | H: 1.53 in (3.89 cm) x W: 0.72 in (1.83 cm) |

### 1/2" Tube QTHA-4TB0

|                           |                                         |
|---------------------------|-----------------------------------------|
| Country of origin         | USA                                     |
| Has Check Valve           | No                                      |
| Materials                 | Brass                                   |
| Max Operating Temperature | 225 °F / 105 °C                         |
| Max Pressure              | 5000 PSI / 350 bar / 35 MPa             |
| Max Vacuum                | 0.00 InHg / 0.0 kPa                     |
| Seal Materials            | Buna-N                                  |
| Connector End 1           | 1/2" Male Tube Fitting                  |
| Connector End 2           | Male Quick-test                         |
| Dimensions                | H: 1.7 in (4.32 cm) x W: 1 in (2.54 cm) |

### 5/16-24" DP Transmitter QTHA-FRS0

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Compatible with           | Rosemount 2051 Series DP Pressure Transmitters, Rosemount 3051 Series DP Pressure Transmitters, Yokogawa EJ series DP Pressure Transmitters, Anderson Greenwood M25 Block and Bleed Valves, Anderson Greenwood M251 Block and Bleed Valves, Foxboro (by Schneider Electric) IDP10, Foxboro (by Schneider Electric) IDP15, Foxboro (by Schneider Electric) IDP31, Foxboro (by Schneider Electric) IDP32, Foxboro (by Schneider Electric) IMV25 |
| Country of origin         | USA                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Materials                 | Stainless Steel                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Max Operating Temperature | 140 °F / 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Max Pressure              | 5000 PSI / 350 bar / 35 MPa                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Max Vacuum                | 0.00 InHg / 0.0 kPa                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Media Compatibility       | Air, Inert Gas, Natural Gas, Petroleum Based Oil, Water                                                                                                                                                                                                                                                                                                                                                                                       |
| Min Operating Temperature | 0 °F / -18 °C                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Seal Materials            | Buna-N                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Wrench Size               | 9/16 In<br>15 mm                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Connector End 1           | 5/16-24 Male DP Transmitter/Gauge valve                                                                                                                                                                                                                                                                                                                                                                                                       |
| Connector End 2           | Male Quick-test                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Dimensions                | H: 2.16 in (5.49 cm) x W: 0.56 in (1.42 cm)                                                                                                                                                                                                                                                                                                                                                                                                   |

## 1/4"28" DP Transmitter QTHA-HNS0

|                           |                                                                                                |
|---------------------------|------------------------------------------------------------------------------------------------|
| Compatible with           | Honeywell Smartline ST700 Pressure Transmitter, Honeywell Smartline ST800 Pressure Transmitter |
| Country of origin         | USA                                                                                            |
| Materials                 | Stainless Steel                                                                                |
| Max Operating Temperature | 140 °F / 60 °C                                                                                 |
| Max Pressure              | 5000 PSI / 350 bar / 35 MPa                                                                    |
| Media Compatibility       | Air, Inert Gas, Natural Gas, Petroleum Based Oil, Water                                        |
| Min Operating Temperature | 0 °F / -18 °C                                                                                  |
| Seal Materials            | Buna-N                                                                                         |
| Wrench Size               | 9/16 In<br>15 mm                                                                               |
| Connector End 1           | 1/4-28 Male DP Transmitter /Gauge valve                                                        |
| Connector End 2           | Male Quick-test                                                                                |
| Dimensions                | H: 2.02 in (5.13 cm) x W: 0.56 in (1.42 cm)                                                    |

## Hose QTQT-HOS-3ft

|                           |                                                         |
|---------------------------|---------------------------------------------------------|
| Burst Pressure            | 27000 PSI / 1860 bar / 185 MPa                          |
| Color                     | Silver                                                  |
| Country of origin         | USA                                                     |
| Fluid Media               | Air,Inert Gas,Natural Gas,Petroleum Based Oil,Water     |
| Hose Length               | 3ft / 0.91 m                                            |
| Inner Diameter            | 0.08 In / 3.00 mm                                       |
| Length                    | 3 ft / 92 cm                                            |
| Materials                 | Brass                                                   |
| Max Operating Temperature | 140 °F / 60 °C                                          |
| Max Pressure              | 6900 PSI / 475 bar / 48 MPa                             |
| Max Vacuum                | -30.00 InHg / -101.6 kPa                                |
| Media Compatibility       | Air, Inert Gas, Natural Gas, Petroleum Based Oil, Water |
| Min Operating Temperature | -40 °F / -40 °C                                         |
| Minimum Bend Radius       | 1.00 In / 26 mm                                         |
| Outer Diameter            | 0.20 In / 6.00 mm                                       |
| Type                      | QT                                                      |

## Bag SM-0084

|                   |                                                             |
|-------------------|-------------------------------------------------------------|
| Materials         | Zippered Nylon                                              |
| Country of origin | USA                                                         |
| Weight            | 3 oz / 85 grams                                             |
| Dimensions        | H: 6 in (15.24 cm) x W: 1 in (2.54 cm) x D: 7 in (17.78 cm) |