Product Overview

The Reacton® Nitrogen Charge Adaptor is specifically designed to allow easy pressurisation of the Reacton® Detection Tube on either CT Direct or CTX Indirect systems. Quick couplings with non-return function and mini ball valves ensure that the process is safe and efficient.

Key Features

- Stainless steel charging connection
- 3.0m of Reacton® R108 Detection Tube
- Integrated Ball Valve
- Integrated Quick Coupling with non-return function
- QR Twinseal connections

Common Applications

- Heavy Duty Mobile Vehicles
- Buses and Coaches
- Power Generators
- Wind Turbines
- Sports Racing Cars or Boats
- Commercial Boats & Yachts

Reacton Cylinder Compatibility

- Dry Powder
- Wet Chemical
- Clean Agent
- Water
- Inert Gas

MADE IN BRITAIN

bsi. ISO 9001:2015 Quality Management

bsi. UKAS MANAGEMENT SYSTEMS 0003

Mechanical Data

Material:	Charging Connector: Stainless Steel Alloy 303 Quick Coupling & Mini Ball Valve: Nickel Plated Brass
Finish:	Natural / Machined
Marking:	None
Weight:	0.34kg
Electrical Connections:	N/A
Mechanical Connections:	M10 x 1 1/8" BSPP (Twinseal Connection) Quick Coupling Connection

Functional & Environmental Data

Operating Pressure:	15.0 or 25.0 barg @ 20°C [217.5 or 362.6 psig @ 68°F]
Operating Temperature:	-40°C* to +60°C [-40°F* to + 140°F]
Operation Cycles:	100
Life Cycle:	10 Years
Commissioning Connection	M10 x 1
Nitrogen Connection	1/8" BSPP
Fitting Torque:	3-12 Nm
Medium Compatibility:	Dry Nitrogen Only

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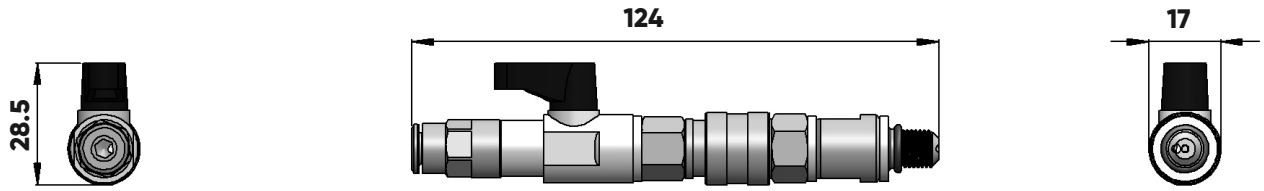
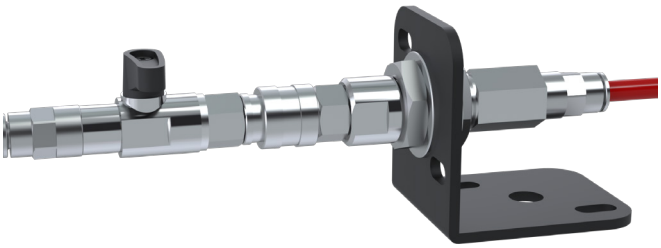
REACTON FIRE SUPPRESSION

Dimensions



*All dimensions in mm. The configuration shown in the above Figure is standard.

Principle of Operation / Purpose of use



To solely be used for pressurising Reacton Fire Suppression Systems via the compatible End of Line (EOL) or Commissioning Point.

Design Considerations

Please read Reacton® Installation and Servicing Manual for more details before attempting to carry out the charging process.

Typical Performance Data

No performance data directly related to the device as the device is a passive component to the system. Please find attached below a related to installation performance indicators.

Compatibility List

Reacton® CT Direct & CTX Indirect Systems where correct End of Line (EOL) or Commissioning Point are installed.

Warranty Validity & Precautions

The warranty is invalidated if the system or part is used under conditions other than those indicated in this datasheet or/and the product has been custom modified.

Stresses above the maximum limits indicated may cause permanent damage to the part or system. Exposure to absolute maximum rating conditions for extended periods may affect reliability that could compromise the system integrity and lead to loss of asset, serious injury or death.

Whilst Reacton has taken care to ensure the accuracy of the information contained herein it accepts no responsibility for the consequences of any use thereof and reserves the right to change the specification of goods without notice.

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