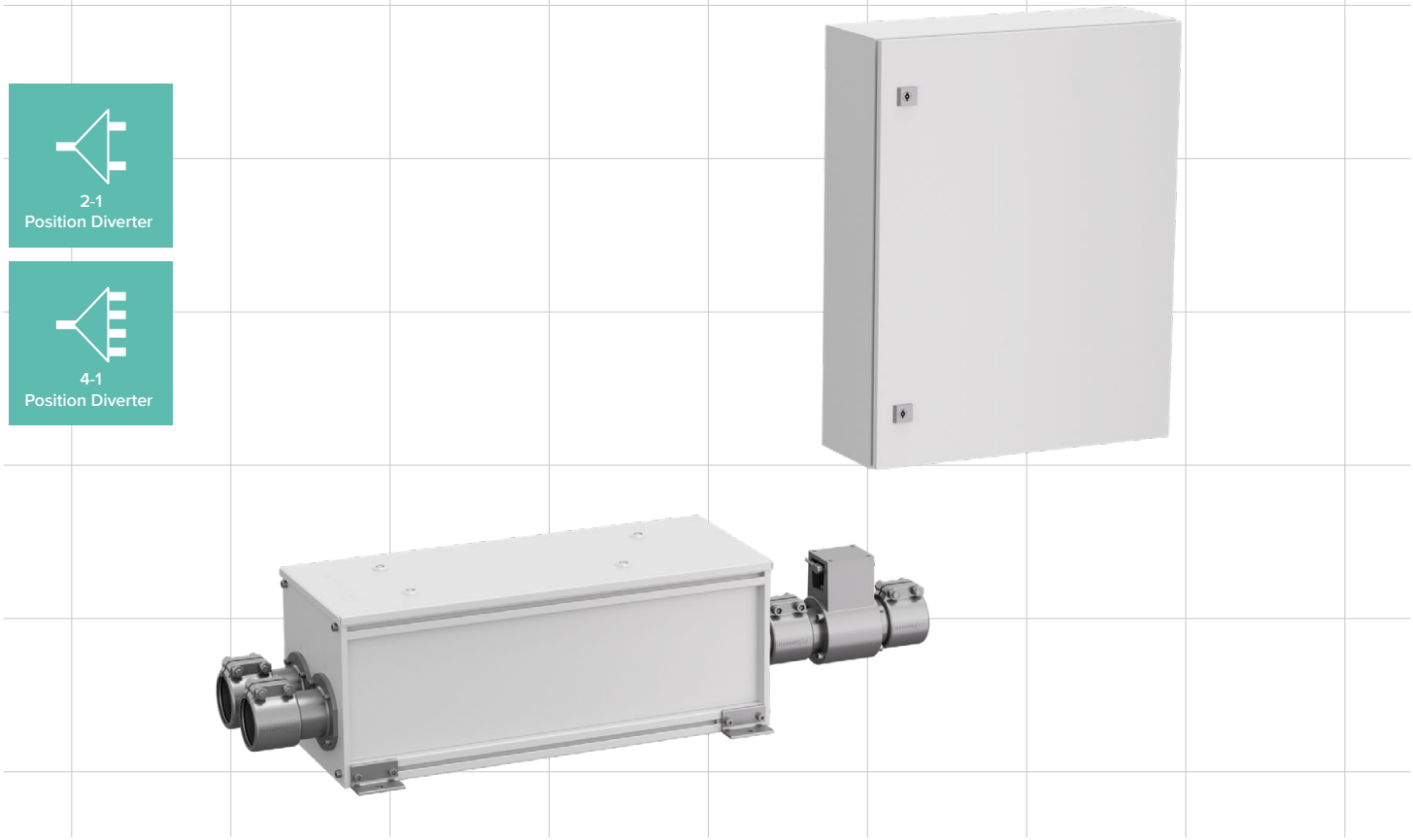

QCX® PTD120/140 TRANSPORT TUBE DIVERTER

The PTD Position Diverter, with either two or four positions, is used to divert carriers along a chosen route in a pneumatic tube transport system. The transport tube is used to track the carrier during transport and helps to monitor the carrier in the transport system. Using a PTD Position Diverter means fewer tubes are required between plant and laboratory. One receiving station can be shared with multiple sending stations, making your operation more efficient and flexible.

Ultimately, you lower costs by reducing the number of receiving stations required and the installation and material requirements for piping.

The PTD Position Diverter is suitable for all tubes, including blank steel, galvanised steel and stainless steel.

ADVANTAGES

- **Compatibility**: PTD Position Diverters can be seamlessly integrated with Fuller tube transport systems.
- **Increase efficiency**: position diverters allow you to use part of your piping for more than one line, or to use one receiving station for more lines. This is the most efficient way to handle multiple sampling points.
- **Robustness**: engineered to be sturdy and reliable, the PTD Position Diverter not only increases efficiency, but improves safety for your operators by minimising handling and workload.

SLASH COSTS AND BOOST EFFICIENCY

How it works

PTD Position Diverters are used to bring two or four tubes in the pneumatic tube transport system together into one transport tube. Conversely, they can be used to divide one transport tube into two or four tubes.

The diverters are operated automatically and are installed with rotating offset pipe sections. This allows the inlet flange to turn and switch to the position from where the carrier is coming.

The outlet flange functions in the same way, creating a direct tube for the carrier to travel to and from the start and end position in the plant and laboratory.

Possible configuration

2-Position Diverter (PTD120)
This position diverter is suitable for operations with fewer sampling points. It divides one transport tube into two, or conversely brings two tubes to one.

4-Position Diverter (PTD140)
If you have or are likely to expand to a larger number of sampling points, this 4-Position Diverter can significantly improve your operational efficiency. The diverter divides one transport tube into four tubes, or conversely brings four tubes to one, to drastically reduce piping needs.

Specification

Type	PTD120	PTD140
Operating condition	Temperature: -10°C to 40°C, optional -20°C to 55°C Humidity: 0 – 80 %	
Weight		
Diverter unit	60 kg	74 kg
Switch cabinet	29.5 kg	29.5 kg
Transport tube contact	5 kg	5 kg
Dimensions (W x D x H)		
Diverter unit	294 x 380 x 955 mm	350 x 426 x 1,114 mm
Switch cabinet	600 x 210 x 600 mm	
Transport tube contact	194 x 155 x 305 mm	

Reduce your piping needs and increase your sampling efficiencies with our 2-position and 4-position diverters

PTD120

PTD140

FULLER TECHNOLOGIES

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