

# BFM<sup>®</sup> Pneumatic Monitoring System

Know  
when your  
connectors are  
removed!



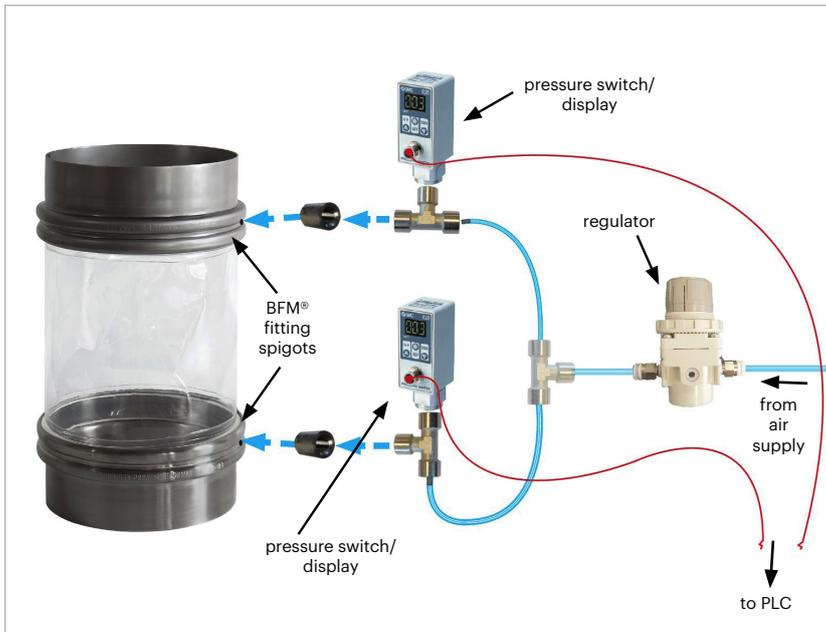
# Get peace of mind with the BFM® Pneumatic Monitoring System.



Wherever you have a flexible connection in a live production system, if the connector is removed at any time, there is always a potential risk that hands can be placed near dangerous moving parts, such as rotary valves and rotating knives.

Now you can have added peace of mind that you can monitor when a BFM® fitting is removed in these areas with the latest innovation developed by the team at BFM®: the **Pneumatic Monitoring System**.

*It's a simple-to-install system that comes in a box!*



## How does it work?

The system works by pumping pressurised air between the silicone cuff of the BFM® connector and the spigot.

Air line sensors immediately detect if this outward pressure is released as the connector cuff begins to get pushed inwards anywhere around the connector when it is being removed, setting off an alarm and/or shutting off any moving parts below.

The system has a tamper-proof gauge, and can also be used as a positional sensor to ensure all connectors in a large plant are installed correctly at all times.

**Note:** The Pneumatic Monitoring System is designed for use with BFM®'s Seeflex range of connectors.



Counters visibly show when the seal is not correct (right) and the control system can be arranged for multiple connectors to aid monitoring larger installations.

Running, holding around 0.032MPa



Switch FAIL set at 0.025MPa

There are two options available depending on your operating environment/compliance requirements:

### OPTION 1: IP65 RATED

- Suitable for most operating environments
- Waterproof & dustproof

RRP: US\$290 / €250

Part No: 10400

### OPTION 2: ATEX COMPLIANT

Atex category 3

Ex II 3G Ex nA II T5 X 0°C ≤ Ta ≤ 50°C  
CE II 3D tD A22 IP67 T53°C X

RRP: US\$545 / €470

Part No: 10401



The BFM® Pneumatic Monitoring System comes in a box containing everything you need to install onto your BFM® spigots.

You just need to follow the installation instructions, wire it up to your PLC (wires not included) and connect an air-line.



Visit [BFMfitting.com](http://BFMfitting.com) for more information, and to find your local BFM® Distributor.