

Sensor control for BFM® fittings – „Singlelock“

For use with BFM® Tool Release („TR“) connectors.

The Singlelock sensor, placed directly next to the TR Smiley punch hole, monitors the existence and correct installation of the BFM® connector (safety level up to PLD possible). The signal is passed over to the electrical switchboard (suitable amplifier may be necessary) which can then take appropriate action, e.g. by shutting off the machine, sending of a warning signal etc.



- Available for BFM® spigots Ø 150-450
- Works with all available BFM® connector materials
- Easy retrofit
- Also available without TR version (then several sensor units distributed over the whole circumference of the BFM® spigot may be needed).

Technical data sensor:

Sensortype	inductive
Description	Pepperl+Fuchs, NJ2-12GK-SN
Enclosure type per IEC 60529	IP68
Temperature range	-40 - + 100°C (sensor) + 5 - + 90°C (complete unit)
SIL level	Up to SIL3 as per IEC61508
Atex	Ex-i and Ex-nA/tc f. zones 0-2, 20-22

Please contact us for more details on all safety concerns with regard to the BFM® fittings.

This document does not imply any legally binding assurance concerning specific properties of the BFM® fittings or the suitability for a particular application. The responsibility of complying with any governing laws and regulations relevant to the use of BFM® fittings is the obligation of the user. Subject to technical changes without prior notice. BFM® is a registered trademark of BFM Global Ltd.

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