

PRODUCT FACT SHEET / DIXON OPTIC SENSOR WITH QUICK RELEASE FLANGE

SPECIFICATIONS

PRODUCT CODE	AMF-OFS-OPD-316
MATERIAL	STAINLESS STEEL 316
O-RING / SEALS	PTFE ENCAPSULATED
APPROVAL CODES	BS EN 13922:2011, ADR COMPLIANT
MAWP	500kPa
MAX. TEMP	+50 ° CELSIUS
MIN. TEMP	-20 ° CELSIUS



APPLICATION & MAINTENANCE

COMPATIBLE PRODUCTS

1. FUELS

- * Petrol
- * Diesel
- * Paraffin

2. INDUSTRIAL SOLVENTS

- * Alcohols
- * Benzene
- * Toluene
- * Ammonium Nitrate

(Examples of compatible products, but not limited to. Contact AMF SALES for additional information)

DESIGN AND APPLICATION

The AMF quick release holder in conjunction with the Dixon optic overfill sensor was developed to transport hazardous goods as per ADR, SANS and European Standards.

Designed with ease in mind for the operator the AMF quick release holder eliminates the twisting of signal wires when the optic sensor needs to be removed either for service or safe keeping (to be used in conjunction with the AMF external holder) when the tanker barrel needs to be washed or steamed in the wash bay.

The quick release holder can be supplied with a variety of sensor extension bushes depending on the filling level of tanker and/or product.

The AMF quick release holder must be used in conjunction with the Dixon FT100S optic overfill sensor.

MAINTENANCE

Care must be taken to avoid damaging the seals or the internal sealing/seating area of the holder.

Regular inspection is advised to ensure all wear and tear items are in good working condition.

PRODUCTION TESTING REQUIREMENTS

TEST #	TEST TYPE	TEST FLUID	TEST DURATION	TEST PRESSURE	TEST CRITERIA
1	Seat Tightness	Air	2 Min	20kPa	No visible leaks
2	Seat Tightness	Air	2 Min	200kPa	No visible leaks

WARNING: Use only genuine AMF replacement parts. Substitute parts can impair the proper functioning of this product and void all warranties. Failure to properly maintain and regularly clean the complete valve, especially moving parts, may prevent the valve from operating correctly as per its design, and subject to liability disclaimer. It is the customers responsibility to check compatibility between valve material and transported product.