# Proximity Magnetic Sensors
# Cylindrical Housing
# FSQA3 Series

- **Cylindrical stainless steel housing**
- **M12 diameter**
- **NO output function**
- **Halogen free silicone cable sheath output connection**

## Product Description

The FSQA3A012MTHF sensor is characterized by a cylindrical stainless steel housing with a 12 mm diameter and halogen free silicone cable. The output function is NO (Normally Open).

## Ordering Key

**FSQ A 3 A01 2MT HF**

- **Type**
- **Output function**
- **Reed contact type**
- **Sheath type**
- **Cable lenght**
- **Cable type**

## Type Selection

| Housing diameter | Connection | Output function | Reference |
|---|---|---|---|
| M12 | Shielded halogen free cable | NO | **FSQ A 3 A01 2MT HF** |

**Diameters are specified in millimeters (mm)**

## Output Specifications

| | |
|---|---|
| **Output** | |
| FSQA3 Series | NO |
| **Contact ratings** | |
| Max Switching Voltage | |
| FSQA3 Series | 500 VAC |
| Max Switching Current | |
| FSQA3 Series | 0.5 A |
| Max Switching Power | |
| FSQA3 Series | 10 VA |

## General Specifications

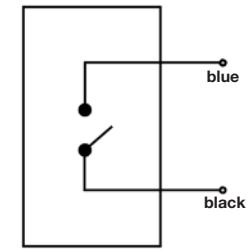
| | |
|---|---|
| **Operating distance** | |
| FSQA3 Series | See Operating Distance table |
| **Suitable magnetic unit** | |
| FSQA3 Series | See Operating Distance table |
| **Ambient temperature** | |
| Operating | -25 to +75 °C |
| **Environment** | |
| Degree of protection | IP 67 |
| **Housing** | |
| Diameter | |
| FSQA3 Series | M12 x 1 mm |
| Material | |
| FSQA3 Series | Stainless steel |
| **CE-marking** | Yes |

## Operating Distance

| Magnetic units | CL10 | CL11 | CL18 | CL20S1 | CL20S3 | CL23 | CL31 | CL90 |
|---|---|---|---|---|---|---|---|---|
| FSQA3A012MTHF | 9 | 23 | 7 | 18 | 17 | 13 | 23 | - |

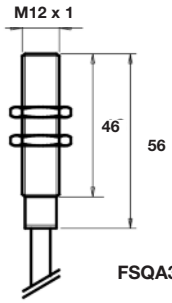
**Distances are specified in millimeters (mm)**
**xx**: operating distance (for all Output functions).

## Wiring Diagrams



Output function NO

## Dimensions



FSQA3A012MTHF




Specifications are subject to change without notice (01.02.2008)