

► Our technology. Your success.

Pumps • Valves • Service



## AMTROBOX F – Limit Switch Box for Levers and Actuators to ISO 5211



ISORIA with AMTROBOX F and CR lever

### Applications:

Water, Building Services,  
Energy and Industry

### More information:

[www.ksb.com/products](http://www.ksb.com/products)



ISORIA with AMTROBOX F and manual gearbox

# AMTROBOX F – Limit Switch Box for Levers and Actuators to ISO 5211



Tougher industrial safety standards increasingly require manually actuated valves to be monitored. In order to meet the market requirements, KSB has developed a new concept for limit switches for levers and all kinds of actuators to ISO 5211.

## Main features

With its very low installation height of under 5 mm AMTROBOX F can be installed directly between the valve and the actuator (manual actuator, lever). It is suitable for any quarter-turn valve and any actuator to ISO 5211 (examples: lever of the CR and CM type series or manual actuators of the MN and MR type series).

### Durable inductive proximity sensors

Two inductive proximity sensors continuously and reliably provide open/closed position signalling (no contact with the components, so the service life does not depend on the number of actuation cycles).

### Resistant PPS plastic

Thermoplastic PPS materials are light-weight and resistant with ideal properties for many applications. They are perfectly suited to an aggressive environment (salts, acids) and high temperatures (up to 70 °C). They are also very impact-resistant.

### Quick to install, without installation kit

AMTROBOX F does not require an installation kit. It can be easily mounted on installed valves.

### Wireless communication

AMTROBOX F is available as a high-end version for wireless communication with the process control station.

## Technical data

Temperature range	-20 °C to +70 °C
Power supply for the inductive proximity sensors	10 to 30 V DC / Max current 100 mA
Open/closed position signalling	1 sensor for OPEN and 1 sensor for CLOSED
Enclosure	IP 67
Connection to power supply	1 M16 cable gland made of plastic or 1 M12 connector
Housing	PPS

## For the following valves and valve sizes

ISORIA 10/16	DN 40 to DN 350
ISORIA 20/25	DN 40 to DN 300
BOAX B	DN 40 to DN 350
KE	DN 40 to DN 300
DANAIS 150 / C / D / T	DN 50 to DN 250
300 T	DN 50 to DN 250
DANAIS MT II Class 150	DN 50 to DN 200
DANAIS MT II Class 300	DN 150 to DN 250
TRIODIS 150	



KSB SE & Co. KGaA  
Johann-Klein-Straße 9  
67227 Frankenthal (Germany)  
www.ksb.com