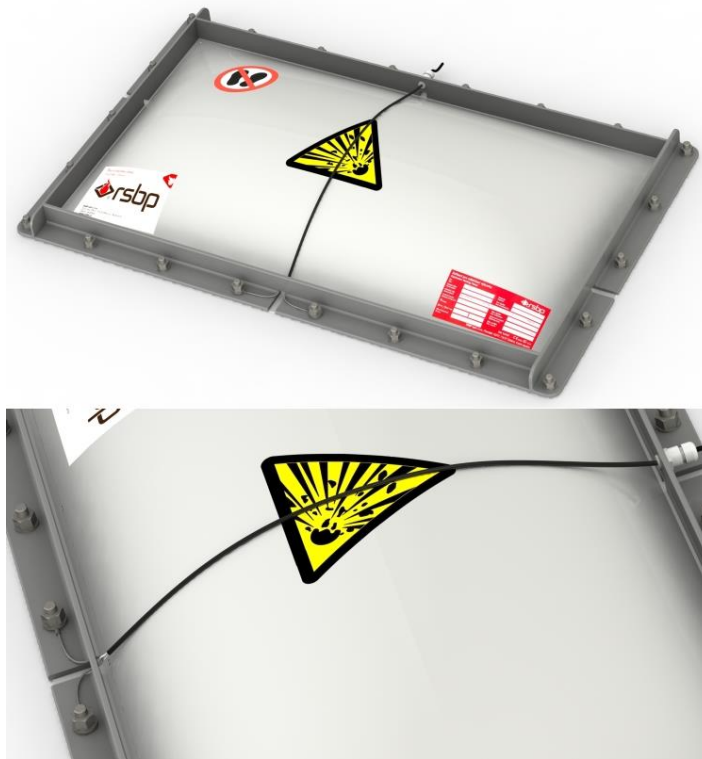




Fire and explosion protection

# ADDITIONAL VMP RUPTURE SENSOR



DATA SHEET

The additional rupture sensor consists of a stainless-steel cable on which the cable is attached and the cable is stretched over the VMP and pulled over the gland on the other side of the VMP frame. If the VMP is opened during an explosion, this cable is interrupted and then signaling to the customer.

An intrinsically safe circuit must be used as the position indicator interrupter. For this purpose, the so-called intrinsically safe relay is used to create an interface between a safe and a dangerous zone. The intrinsically safe relay is available in two versions, with 230V AC or 24V DC power supply. Maximum output voltage is 10.6V or maximum current 24mA. The intrinsically safe relay contains a changeover contact where the VMP position (closed / open) is signaled. Rupture sensors can be connected in series.

This is an optional accessory.

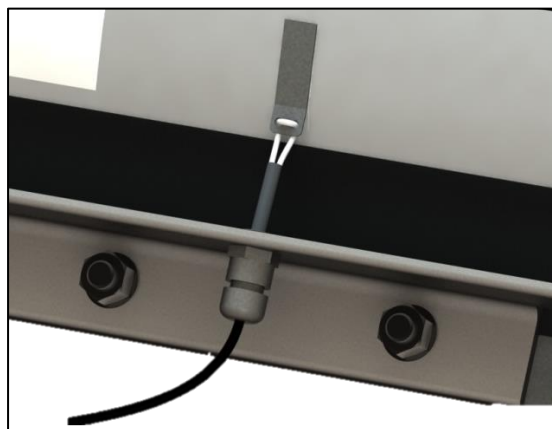
CABLE CLASSIFICATION	
Material	Silver plated copper wires
Isolation	PTFE
Isolation color	Black
Operating temperature	-190°C to 260°C (short-term +300°C)





Fire and explosion protection

# VMP RUPTURE SENSOR



DATA SHEET

It is a cable that is threaded through a stainless-steel plate integrated into the VMP. The cable is pulled through the bushing in the upper flange VMP. If the VMP is opened during an explosion, the cable is interrupted and then signaled to the customer.

An intrinsically safe circuit must be used as the position indicator interrupter. For this purpose, the so-called intrinsically safe relay is used to create an interface between a safe and a dangerous zone. The intrinsically safe relay is available in two versions, with 230V AC or 24V DC power supply. Maximum output voltage is 10.6V or maximum current 24mA. The intrinsically safe relay contains a changeover contact where the VMP position (closed / open) is signaled. Rupture sensors can be connected in series.

This is an optional accessory.

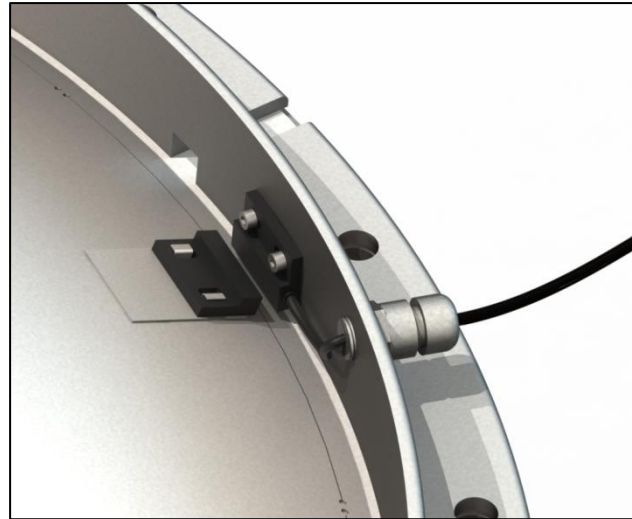
CABLE CLASSIFICATION	
Material	Silver plated copper wires
Isolation	PTFE
Isolation color	Black
Operating temperature	-190°C to 260°C (short-term +300°C)





Fire and explosion protection

# MAGNETIC VMP RUPTURE SENSOR



DATA SHEET

The magnetic rupture sensor consists of two parts called a magnetic sensor and a magnet. The magnet is attached to the VMP using a stainless-steel plate and the sensor is attached to the VMP frame by two screws. The sensor cable is threaded through the gland and tightened. If the VMP is opened during an explosion, the magnetic sensor and the magnet are separated from each other, the contact is interrupted and the customer is signaled.

An intrinsically safe circuit must be used as the position indicator interrupter. For this purpose, the so-called intrinsically safe relay is used to create an interface between a safe and a dangerous zone. The intrinsically safe relay is available in two versions, with 230V AC or 24V DC power supply. Maximum output voltage is 10.6V or maximum current 24mA. The intrinsically safe relay contains a changeover contact where the VMP position (closed / open) is signaled. Rupture sensors can be connected in series.

This is an optional accessory.

CLASSIFICATION	
Color	Black
Operating temperature	-40°C to 150°C

