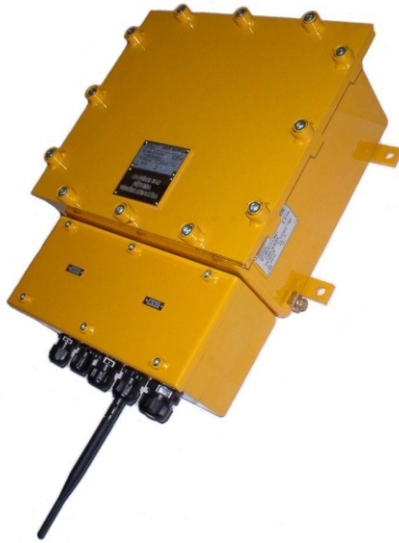




KS-01 – M Modem Case

 Certifikát: ATEX



KS-01-M

Application:

The KS-01-M modem case serves for connecting a wireless camera and converting a video signal to the telephone line.

The voltage of 12 VDC is brought out of the modem case for supplying ZSBE-W transmission cases. The KS-01-M modem case forms part of the KS-01 camera system.

Description:

The KS-01-M case is made as a solid closure design. The instrument area is the Ex d design and the terminal block area is the Ex e design.

In the instrument area of the case there are fuses for the supply, a telephone line modem, a WiFi modem and spark-safe aerial separating barrier for WiFi. The instrument area also houses a supply source the voltage of which is brought out to the terminal block area for supplying ZSBE-W transmission cases. The supply voltage and the Ethernet signal is led to the terminal block. A spark-safe aerial signal is brought out through a non-explosive bushing from the WiFi modem to the aerial outside the case fixed in the bushing. There are five bushings on the terminal block part.

The video signal from the camera is received via a WiFi network and converted by the modem to the telephone signal of the DSL line and transmitted via the telephone line to the distance. The telephone signal is brought to the surface part of the transmission system where the modem converts it to an Ethernet signal which can be further processed on PC.

Technical parameters:

Design	I M2(M1) Ex de [ja Ma] I Mb
Supply voltage	230VAC
Power input	230VA
Nominal output voltage	12VDC
Nominal output current	3.7A
Data connection	Ethernet 10Base-T
ZSBE-W connection distance	50 m
Modem case connection distance	4250m max
Temperature range	0 to +40°C
Relative humidity	95% non-condensing
Protection	IP54
Dimensions	380 x 510 x 210mm
Weight	21kg



KS-01-M

A detail of the modem connection with an aerial via a spark-safe aerial separating barrier

The catalogue has only those selected important parameters for your final decision. For project designs always ask for the user's guide for this product and any engineering consultation about possible uses.