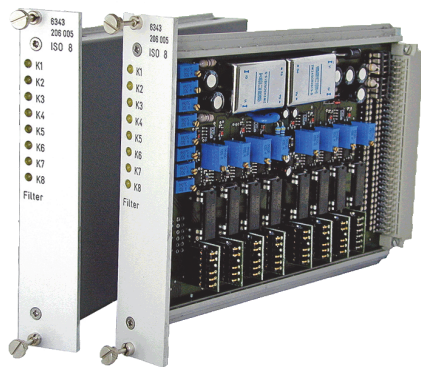


ASK-8



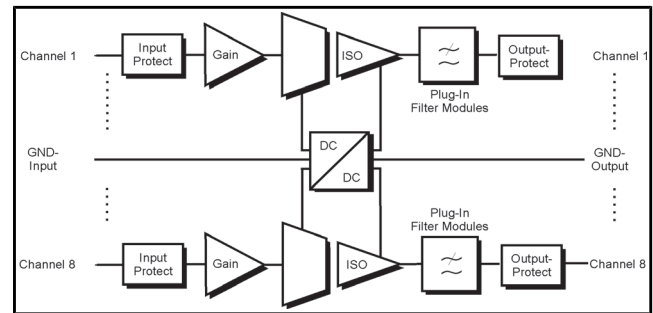
Characteristics

The **ASK-8 Card** offers electrical isolation of 8 channels to the output side. It can be also used as signal distribution card using one input channel only. Inputs and outputs are fed through the card frame connector. The outputs are on common ground. Optionally 8 LEDs for indication of a different cut-off frequency than 5 kHz can be mounted on the front panel.

Technical Data

Supply voltage	$\pm 15 \text{ V DC} \pm 10 \%$
Power consumption at nominal voltage (without sensor / without load)	170 mA
Electrical isolation	2000 V DC (1 s) 600 V _{eff} (permanent)
Accuracy	0.03 %
Cut-off frequency (Standard / Maximum)	5 kHz / 30 kHz
Linearity (typical)	0.02 %
Input	
Input range	$\pm 10 \text{ V}$
Gain (optional)	0.5..2
Output	
Output range	$\pm 10 \text{ V}$
Load current	$\pm 10 \text{ mA}$
Short proof	yes
Residual ripple @ $f_g = 5 \text{ kHz}$ without filter	typical < 4 mV _{pp} typical < 10 mV _{pp}
Environmental temperature	0..50 °C
Plug-in filter Standard frequencies in Hz	10, 30, 50, 100, 300, 500, 1 k, 3 k, 5 k, 10 k, 30 k

Block Diagram



Dimensions

19" Unit, 3 U, 5 U, depth 160 mm

Ordering Code

ASK-8 - 1. - 2. - 3. - 4.

1. Type	
V 2	2x 4 channels isolated
FF	Channel assignment firm, gain firm
FV	Channel assignment firm, gain variable
VV	Channel assignment variable, Gain variable
2. Measurement ranges	
G2	Non-standard value: 2
3. Output filter frequency (Hz)	
XXX	Enter standard value: 10, 30, 50, 100, 300, 500, 1k, 3k, 5k, 10k
	Enter non-standard value: 1..30k
4. Filter characteristics	
BW	Butterworth 4th order
BS	Bessel 4th order

Example: ASK-8-FF-10k-BW