

Up to eight interface cards have space on the 175 x 210 mm IMB (Interfacemodul Backplane): I/O modules, HART® transmissible analog cards and DTM parametrizable temperature measuring amplifiers. Up to 32 digital or 16 analog inputs and outputs can be arranged on the backplane. The I/O channels are galvanically separated by the interface cards.

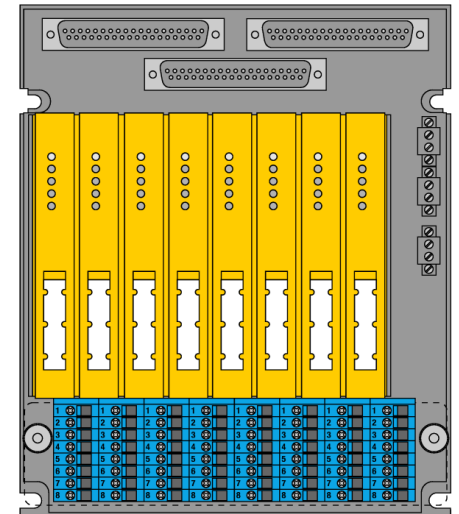
The backplane is a purely passive installation unit for the implementation of I/O solutions. There are no active components on it because the failure of one of these would impair the function of the entire parting plane. Each interface card is additionally safeguarded.

The backplane accommodates the entire connection level of the IMB system: There are 8 slots for the interface cards as well as connections for the inputs, outputs, system cable and power supply. The intrinsically safe field circuits are connected via screw terminals; the control system is connected via ready-made system cables.

The IMB can be supplied redundantly via two separate power units. The electronics on the cards ensures that the two power supply modules are securely separated. Two removable terminal blocks are available on the backplane for power supply.

The IMB interface cards are equipped with a power-on/off LED and some also feature status LEDs. The I/O level can thus be controlled from the cabinet.

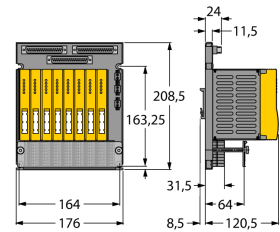
The backplane is snapped on the DIN rail with an adapter acc. to DIN EN 60715 TH35 and can be aligned either horizontally or vertically. Several backplanes with IMB systems can be mounted side by side. Alternatively, the DIN rail can be removed and the backplane can be mounted directly on a support plate with four screws.



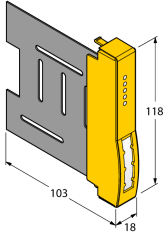




- **Backplane for Honeywell C300 output signals**
- **Backplane without active electronic components, no approval required**
- **Up to 32 channels per backplane and up to 36 backplanes per control cabinet**
- **Hot-swappable cards for easy and comfortable maintenance**
- **Hookup for a HART® multiplexer to parametrize HART® field devices via Y-junction**

**Backplane Honeywell C300
IMB-BP-8-H-OUT****Dimensions**

Type code	IMB-BP-8-H-OUT
Ident no.	7570022
Protection class	IP20
Ambient temperature	-25...+70 °C
Storage temperature	-40...+80°C
Dimensions	176x 120x 208 mm
Weight	1714 g
Mounting instruction	For mounting on DIN rail or mounting panel
Housing material	Polycarbonate/ABS
Tightening torque	0.5 Nm



Accessories

Type code	Ident no.	Description	Dimension drawing
IMB-BM	7570007	IMB dummy modules for TURCK interface module backplane IMB. They have to be plugged in free slots on the backplane to achieve protection rating IP20.	
IMB-FA-H-C300 IMB-SK-H-2M	7570062 7570054	Front adapter to connect system cables to Honeywell IOATA System cable for IMB-BP-8-H-IN/OUT (Honeywell C300)	
IMB-SK-H-3M	7570055	System cable for IMB-BP-8-H-IN/OUT (Honeywell C300)	
IMB-SK-H-4M	7570056	System cable for IMB-BP-8-H-IN/OUT (Honeywell C300)	
IMB-SK-H-10M	7570057	System cable for IMB-BP-8-H-IN/OUT (Honeywell C300)	

Accessories

Type code	Ident no.	Description	Dimension drawing
IMB-SK-H-15M	7570058	System cable for IMB-BP-8-H-IN/OUT (Honeywell C300)	
IMB-SK-H-20M	7570059	System cable for IMB-BP-8-H-IN/OUT (Honeywell C300)	
IMB-SK-H-25M	7570060	System cable for IMB-BP-8-H-IN/OUT (Honeywell C300)	
IMB-SK-H-30M	7570061	System cable for IMB-BP-8-H-IN/OUT (Honeywell C300)	