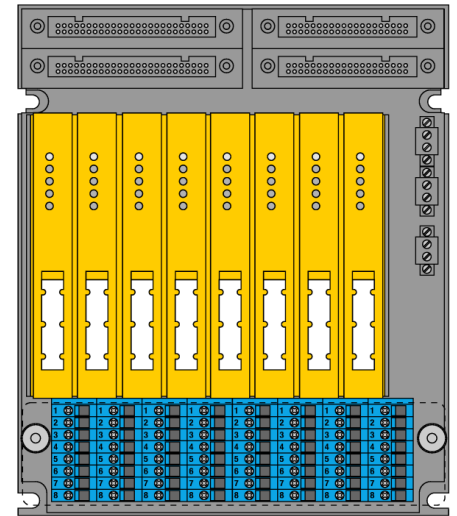
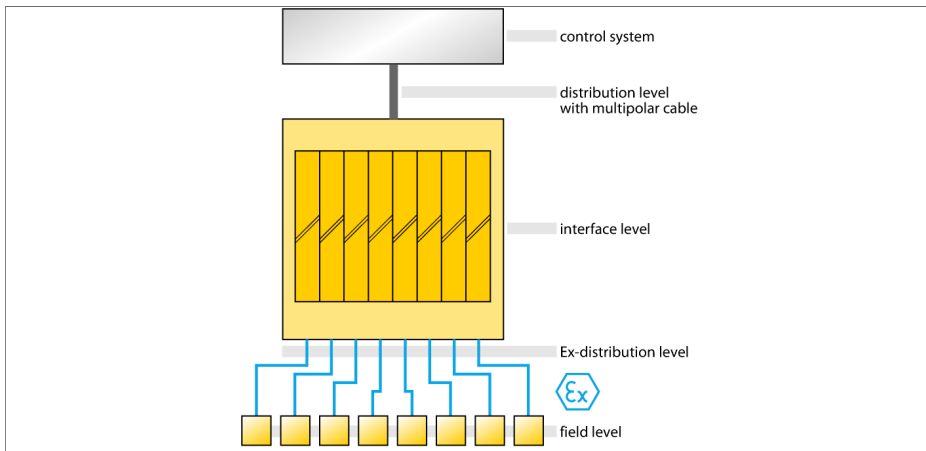


**Backplane for Yokogawa Centum
IMB-BP-8-Y-R**



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.

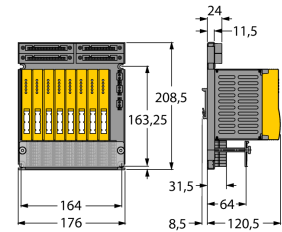
The IMB interface cards are equipped with a power-on/off LED and some also feature status LEDs. The I/O level can thus be controlled from the cabinet.

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.

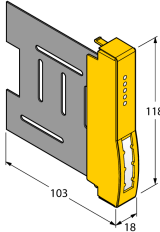




- **Backplane for Yokogawa Centum**
- **Backplane without active electronic components, no approval required**
- **Up to 32 channels per backplane and up to 36 backplanes per control cabinet**
- **Hot-swappable cards for easy and comfortable maintenance**
- **Integrated concept of redundancy, redundant connection to the control system via two slots for I/O signals**
- **To parametrize HART® field devices plug a HART® multiplexer directly above the second hookup for the control cable or use an Y-junction**

**Backplane for Yokogawa Centum
IMB-BP-8-Y-R****Dimensions**






Type code	IMB-BP-8-Y-R
Ident no.	7570001
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-SK-YOK-D2m	7570030	System cable for IMB-BP-8-Y-R (Yokogawa Centum)	
IMB-SK-YOK-D3m	7570031	System cable for IMB-BP-8-Y-R (Yokogawa Centum)	
IMB-SK-YOK-D4m	7570032	System cable for IMB-BP-8-Y-R (Yokogawa Centum)	
IMB-SK-YOK-D10m	7570033	System cable for IMB-BP-8-Y-R (Yokogawa Centum)	

Accessories

Type code	Ident no.	Description	Dimension drawing
IMB-SK-YOK-D15m	7570034	System cable for IMB-BP-8-Y-R (Yokogawa Centum)	
IMB-SK-YOK-D20m	7570035	System cable for IMB-BP-8-Y-R (Yokogawa Centum)	
IMB-SK-YOK-D25m	7570036	System cable for IMB-BP-8-Y-R (Yokogawa Centum)	
IMB-SK-YOK-D30m	7570037	System cable for IMB-BP-8-Y-R (Yokogawa Centum)	
IMB-SK-YOK-A3m	7570039	System cable for IMB-BP-8-Y-R (Yokogawa Centum)	

Accessories

Type code	Ident no.	Description	Dimension drawing
IMB-SK-YOK-A4m	7570040	System cable for IMB-BP-8-Y-R (Yokogawa Centum)	
IMB-SK-YOK-A10m	7570041	System cable for IMB-BP-8-Y-R (Yokogawa Centum)	
IMB-SK-YOK-A15m	7570042	System cable for IMB-BP-8-Y-R (Yokogawa Centum)	
IMB-SK-YOK-A20m	7570043	System cable for IMB-BP-8-Y-R (Yokogawa Centum)	
IMB-SK-YOK-A25m	7570044	System cable for IMB-BP-8-Y-R (Yokogawa Centum)	

Accessories

Type code	Ident no.	Description	Dimension drawing
IMB-SK-YOK-A30m	7570045	System cable for IMB-BP-8-Y-R (Yokogawa Centum)	