

7.5 Breakout Box for X1 to X4

Depending on the device variant several interfaces are connected to the connectors X1 to X4. HMS Industrial Networks offers a breakout box to provide each of the interfaces on one connector.



Fig. 9 Breakout box for X1 to X4

Breakout Box Connectors			
FRC-EP190 connector	BOB connector Y1	BOB connector Y2	BOB connector Y3
X1, X2	HS-CAN1/2	LS-CAN1/2	LIN1/2
X3, X4	HS-CAN3/4	HS-CAN5/6 (only for device variants with 6 x CAN interfaces)	K-Line1/2

Pin Allocation Breakout Box		
BOB connector	Pin allocation D-Sub 9	
	Pin	Signal
Y1	2	CAN HS/LS L
	7	CAN HS/LS H
	3	GND
Y2		see Y1
Y3	8	LIN/K-Line
	9	VBAT
	3	GND