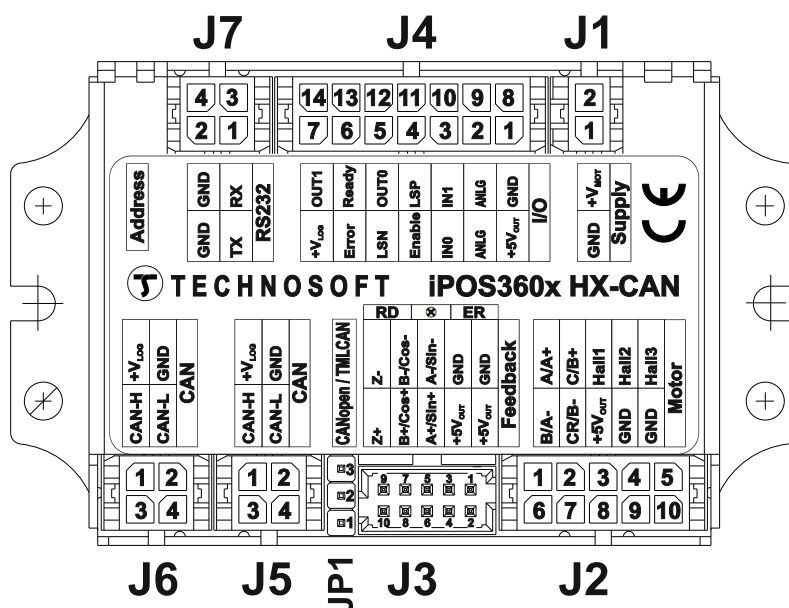


iPOS360x HX-CAN connectors and pinout

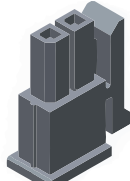
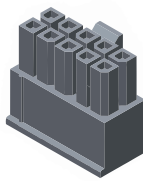
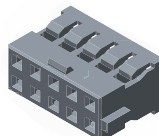
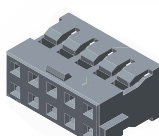
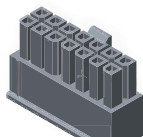


Compatible products		
Part No.	Name	Description
P028.001.E501	iPOS3602 HX-CAN	Standard execution, differential encoder
P028.001.E561		Single ended encoder execution
P028.001.E571		Linear Halls execution
P028.002.E501	iPOS3604 HX-CAN	Standard execution, differential encoder
P028.002.E561		Single ended encoder execution
P028.002.E571		Linear Halls execution

Accessories		
Part No.	Name	Description
P038.002.E306	CAN terminator	Molex MFIT 2x2 connector with 120 Ohms terminal resistor
P028.040.C232	CA RS232 cable	Molex 2x2 M-Fit to DB9 cable
P028.040.C030	CAN interconnection	CAN2CAN Cable 10cm Molex 2x2 M-Fit drive to drive
P038.001.E136	RS232 - USB adapter	Standard USB to RS232 adapter with FTDI chipset

Ordering information			
Part No.	Description	Package components	Connectors
P028.040.C099	CCS iPOS360x BXD (Complete cable set, 100 cm with differential encoder cable)	1 x Motor & Hall cable	J2
		1 x Supply cable	J1
		2 x CAN cable / RS232 cable	J5, J6 / J7
		1 x I/O cable	J4
		1 x Differential Encoder cable	J3
P028.040.C098	CCS iPOS360x BXE (Complete cable set, 100 cm with single-ended encoder cable)	1 x Motor & Hall cable	J2
		1 x Supply cable	J1
		2 x CAN cable / RS232 cable	J5, J6 / J7
		1 x I/O cable	J4
		1 x Single-ended Encoder cable	J3

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J1 - Power Supply cable				
	Connector's view from crimp pins entry side	Connector's lateral view	1 - white 2 - brown AWG 24	
J2 - Motor and Hall Inputs cables V2*				
	Connector's view from crimp pins entry side	Connector's lateral view	Motor cable 1 - red 2 - yellow 6 - blue 7 - yellow/green 9 - black Shield connected to housing pin 9 AWG 20	
			Hall Inputs cable 3 - red 4 - yellow 5 - brown 8 - green 10 - orange AWG 24	
J3 - Differential Encoder cable or Linear Hall cable				
	Connector's view from crimp pins entry side	Connector's lateral view	1 - white 2 - brown 5 - green 6 - yellow 7 - gray 8 - pink 9 - blue 10 - red Twisted pairs 1 - 2 5 - 6 7 - 8 9 - 10 Notice: pins/wires 3 - 4 are missing. Only 8 wires are used. AWG 30	
J3 - Single-Ended Encoder cable				
	Connector's view from crimp pins entry side	Connector's lateral view	1 - white 2 - brown 6 - green 8 - yellow 10 - gray Shield connected to housing pin 3 AWG 30	
J4 - Inputs/Outputs cable				
	Connector's view from crimp pins entry side	Connector's lateral view	1 - white 2 - brown 3 - green 4 - yellow 5 - gray 6 - pink 7 - blue 8 - red 9 - black 10 - violet 11 - gray-pink 12 - red-blue 13 - white-green 14 - brown-green AWG 24	
J5, J6, J7 - RS232 or CAN cable				
	Connector's view from crimp pins entry side	Connector's lateral view	1 - white 2 - brown 3 - green 4 - yellow AWG 24	
Cables description - Cables length 1000 mm; - Stripped wires 5 mm; - One end with flying leads (20mm). * The color scheme shown applies to the V2 version of the cables, which will be commercially available starting May 2025. For documentation on the previous color scheme, please contact Technosoft.				

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