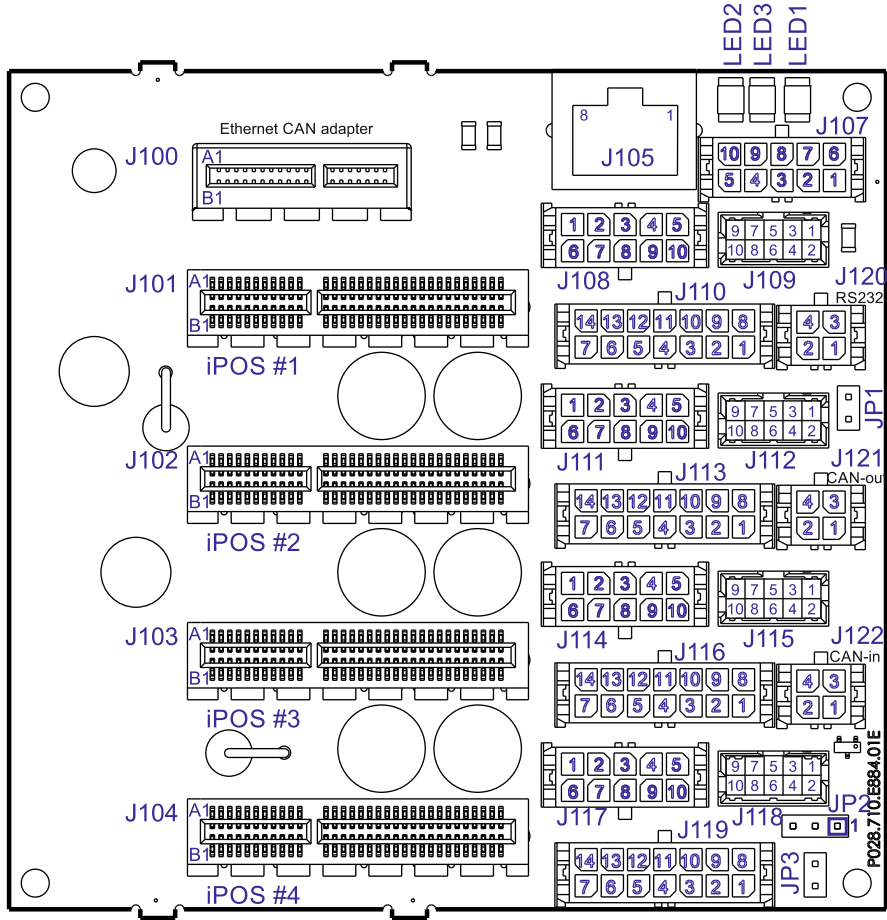


**iPOS360X MBX4-CAN/NET connectors and pinout**



Compatible products		
Part No.	Name	Description
P028.002.E884	iPOS360x MBX4-CAN	Motherboard for 4 axe iPOS360x VX, CAN
P028.002.E894	iPOS360x MBX4-NET	Motherboard for 4 axes iPOS360x VX, Ethernet

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.C199	CCS 4xiPOS360x SXD (complete cable set, 100 cm, for the 4-axis motherboard with differential encoder cables)	1 x Power Supply cable	J107
		2 x RS232 cable / CAN cable	J120 / J121, J122
		4 x Motor & Hall cable	J108, J111, J114, J117
		4 x Differential Encoder or Linear Hall cable	J109, J112, J115, J118
		4 x I/O cable	J110, J113, J116, J119
P028.040.C198	CCS 4xiPOS360x SXE (complete cable set, 100 cm, for the 4-axis motherboard with single-ended encoder cables)	1 x Power Supply cable	J107
		2 x RS232 cable / CAN cable	J120 / J121, J122
		4 x Motor & Hall cable	J108, J111, J114, J117
		4 x Single-Ended Encoder cable	J109, J112, J115, J118
		4 x I/O cable	J110, J113, J116, J119

Name ALN	First edition December 04, 2020	Document template: P099.TQT.564.0001	Last edition December 04, 2020	Visa:
		Title of document <b>iPOS360x MBX-CAN/NET Cable Set</b> <b>PRODUCT DATA SHEET</b>	N° document <b>P028.040.C19x.MBX4-CAN/NET.DSH.10A</b> Page : 1 of 2	

<b>J107 - Power Supply cable</b>									
	<p>Connector's view from crimp pins entry side</p>	<p>Connector's lateral view</p>	<p>1 - white                  2 - brown                  3 - green                  4 - yellow                  5 - gray                  6 - pink                  7 - blue                  8 - red                  9 - black                  10 - violet</p> <p style="text-align: right;">AWG 20</p>						
<b>J108, J111, J114, J117 - Motor and Hall Inputs cables</b>									
	<p>Connector's view from crimp pins entry side</p>	<p>Connector's lateral view</p>	<p><b>Motor cable</b></p> <p>1 - white                  2 - brown                  6 - green                  7 - yellow</p> <p style="text-align: right;">AWG 20</p> <p>9 - yellow                  Shield connected to housing pin 9</p> <p><b>Hall Inputs cable</b></p> <p>3 - white                  4 - brown                  5 - green                  8 - black                  10 - gray</p> <p style="text-align: right;">AWG 24</p>						
<b>J109, J112, J115, J118 - Differential Encoder or Linear Hall cable</b>									
	<p>Connector's view from crimp pins entry side</p>	<p>Connector's lateral view</p>	<table border="1" style="float: right; margin-right: 20px;"> <tr><th colspan="2">Twisted Pairs</th></tr> <tr><td>1 - 2</td></tr> <tr><td>5 - 6</td></tr> <tr><td>7 - 8</td></tr> <tr><td>9 - 10</td></tr> </table> <p>1 - white                  2 - brown                  5 - green                  6 - yellow                  7 - gray                  8 - pink                  9 - blue                  10 - red</p> <p style="text-align: right;">AWG 30</p>	Twisted Pairs		1 - 2	5 - 6	7 - 8	9 - 10
Twisted Pairs									
1 - 2									
5 - 6									
7 - 8									
9 - 10									
<b>J109, J112, J115, J118 - Single-Ended Encoder cable</b>									
	<p>Connector's view from crimp pins entry side</p>	<p>Connector's lateral view</p>	<p>1 - white                  2 - brown                  6 - green                  8 - yellow                  10 - gray</p> <p style="text-align: right;">AWG 30</p> <p>Shield connected to housing pin 3</p>						
<b>J120 / J121, J122 - RS232 / CAN cable</b>									
	<p>Connector's view from crimp pins entry side</p>	<p>Connector's lateral view</p>	<p>1 - white                  2 - brown                  3 - green                  4 - yellow</p> <p style="text-align: right;">AWG 24</p>						
<b>J110, J113, J116, J119 - I/O cable</b>									
	<p>Connector's view from crimp pins entry side</p>	<p>Connector's lateral view</p>	<p>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</p> <p style="text-align: right;">AWG 24</p>						
<p><b>Cables description</b></p> <ul style="list-style-type: none"> <li>- Cables length 1000 mm;</li> <li>- Stripped wires 5 mm;</li> <li>- One end with flying leads (20mm).</li> </ul>									

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ALN	December 04, 2020		December 04, 2020	
		Title of document <b>iPOS360x MBX-CAN/NET</b> <b>Cable Set</b> <b>PRODUCT DATA SHEET</b>	N° document <b>P028.040.C19x.MBX4-CAN/NET.DSH.10A</b> Page : 2 of 2	