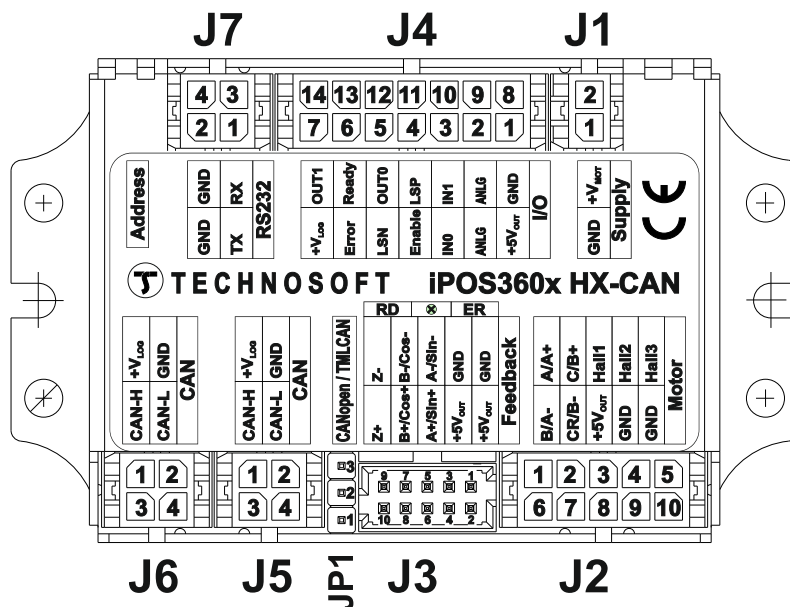


## iPOS360x HX-CAN connectors and pinout

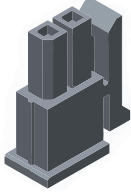
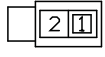

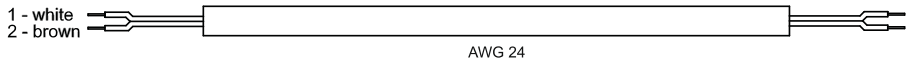
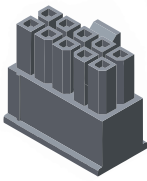
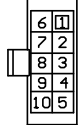
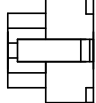
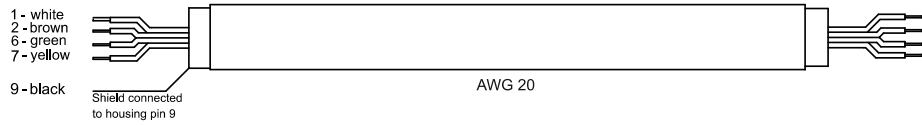
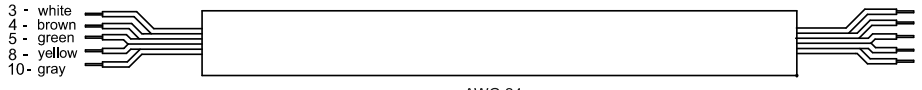
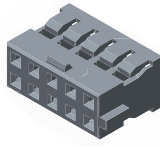
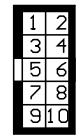
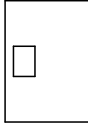
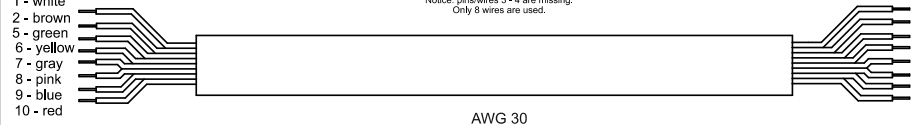
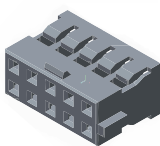
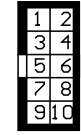
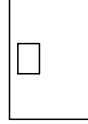
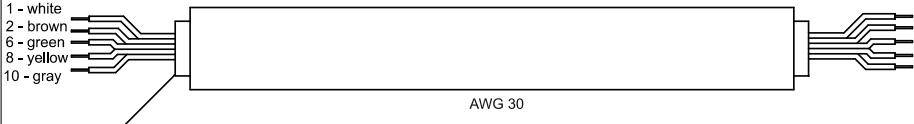
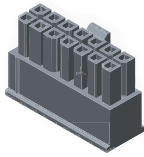
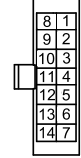
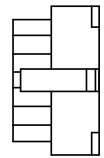
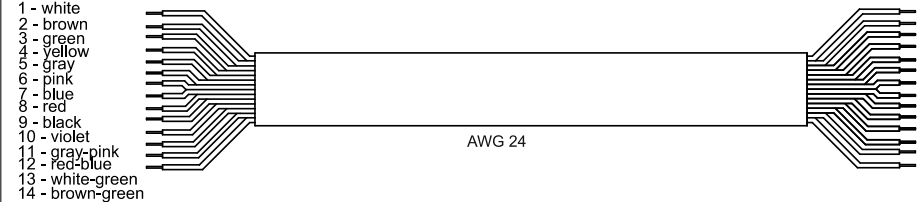
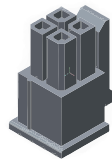

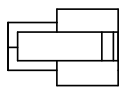




Compatible products		
Part No.	Name	Description
P028.001.E501	iPOS3602 HX-CAN	Standard execution, differential encoder
P028.001.E561		Single ended encoder execution
P028.001.E571		Linear Halls execution
P028.002.E501	iPOS3604 HX-CAN	Standard execution, differential encoder
P028.002.E561		Single ended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

Name ALN	First edition November 20, 2020	Document template: P099.TQT.564.0001	Last edition September 11, 2023	Visa:
		Title of document <b>iPOS360x HX-CAN Cable Set</b> <b>PRODUCT DATA SHEET</b>	N° document <b>P028.040.C09x.HX.DSH.10B</b>  Page : 1 of 2	

<b>J1 - 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</p>  <p>AWG 24</p>
<b>J2 - 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 9 - black</p>  <p>Shield connected to housing pin 9</p> <p>AWG 20</p>
			<p><b>Hall Inputs cable</b></p> <p>3 - white 4 - brown 5 - green 8 - yellow 10 - gray</p>  <p>AWG 24</p>
<b>J3 - Differential Encoder cable or Linear Hall cable</b>			
	<p>Connector's view from crimp pins entry side</p> 	<p>Connector's lateral view</p> 	<p>1 - white 2 - brown 5 - green 6 - yellow 7 - gray 8 - pink 9 - blue 10 - red</p>  <p>AWG 30</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;"> <p>Twisted pairs 1-2 5-6 7-8 9-10</p> </div> <p><small>Notice: pins/wires 3 - 4 are missing. Only 8 wires are used.</small></p>
<b>J3 - 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>AWG 30</p> <p>Shield connected to housing pin 3</p>
<b>J4 - Inputs/Outputs 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>AWG 24</p>
<b>J5, J6, J7 - RS232 or 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>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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