

# P1-02HSC Cut Sheet



Productivity1000 counter input module, 100 kHz maximum switching frequency, 2 high-speed input point(s), 5-24 VDC, sinking/sourcing, 2-channel, single-ended encoder input(s), external 24 VDC required.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/P1-02HSC>

## Technical Specifications

<b>Brand</b>	Productivity1000
<b>Item</b>	Input module
<b>I/O Module Type</b>	Counter
<b>Maximum Switching Frequency</b>	100 kHz
<b>Number of High-Speed Capable Input Points</b>	2
<b>Nominal Input Voltage</b>	5-24 VDC
<b>Discrete Input Type</b>	Sinking/sourcing
<b>Number of Non-Isolated Input Commons</b>	2
<b>Number of Input Channels</b>	2

<b>Encoder Input Type</b>	<ul style="list-style-type: none"><li>• NPN open collector</li><li>• PNP open collector</li><li>• push-pull (totem)</li></ul>
<b>High-Speed Counter(s)</b>	<ul style="list-style-type: none"><li>• up to (2) pulse/direction (bi-directional) counters</li><li>• up to (2) quadrature (A and B with Z) counters</li></ul>
<b>Position Scaling</b>	<ul style="list-style-type: none"><li>• up to (2) pulse/direction (bi-directional) counters</li><li>• up to (2) quadrature (A and B with Z) counters</li></ul>
<b>External Power Requirement</b>	24 VDC
<b>Requires</b>	P1-10RTB or P1-10RTB-1 removable terminal block
<b>Programming Software</b>	Productivity Suite programming software v3.5 or later

## Agency Approvals

<b>UL Listed File #</b>	E139594
<b>UL Recognized File #</b>	None
<b>UL Hazardous File #</b>	None
<b>CE</b>	<a href="#">View CE declarations</a>
<b>CSA File #</b>	None
<b>RoHS Status</b>	Yes (See CE Doc)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/P1-02HSC.pdf>  
See store item page for other formats.