

# NCP1-20-315N Cut Sheet



NITRA current to pneumatic transducer, 4-20 mA input, 3 to 15 psig output pressure, 1/4in female NPT inlet(s), 1/4in female NPT outlet(s), 1/2in female NPT with 12in wire leads, NEMA 4X, IP65. Mounting bracket included.

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



<https://www.automationdirect.com/pn/NCP1-20-315N>

## Technical Specifications

|                        |  |
|------------------------|--|
| <b>Brand</b>           | NITRA  |
| <b>Item</b>            | Current to pneumatic transducer  |
| <b>Input</b>           | 4-20 mA  |
| <b>Output Pressure</b> | 3 to 15 psig   |
| <b>Pressure Units</b>  | Psig   |
| <b>Inlet Port</b>      | 1/4in female NPT   |
| <b>Outlet Port</b>     | 1/4in female NPT   |
| <b>Flow Capacity</b>   | 4.5 scfm (127 NI/min) at 25 psig (1.7 bar) supply 12.0 scfm (340 NI/min) at 100 psig (6.8 bar) supply pressure |

|                              |  |
|------------------------------|--|
| <b>Exhaust Capacity</b>      | 2 scfm (56.6 NI/min) at 5 psig (0.34 bar) above 20 psig (1.3 bar) setpoint |
| <b>Air Consumption</b>       | 0.05 scfm (1.4 NI/min) midrange typical                                    |
| <b>Electrical Connection</b> | 1/2in female NPT with 12in wire leads                                      |
| <b>NEMA Rating</b>           | 4X   |
| <b>IP Rating</b>             | IP65   |
| <b>Includes</b>              | Mounting bracket   |

## Agency Approvals

|                             |  |
|-----------------------------|--|
| <b>UL Listed File #</b>     | None                                   |
| <b>UL Recognized File #</b> | None                                   |
| <b>UL Hazardous File #</b>  | None                                   |
| <b>CE</b>                   | None                                   |
| <b>CSA File #</b>           | None                                   |
| <b>RoHS Status</b>          | No                                     |
| <b>EU REACH</b>             | <a href="#">View EU REACH document</a> |
| <b>Other</b>                | <a href="#">FM Approval Document</a>   |

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/NCP1-20-315N.pdf>  
See store item page for other formats.