

LON-BASED LINKNET

# Product Data Sheet

**9905-971**

Woodward 16-Channel Discrete Input Module

| CHANNELS  | INPUT                  | NETWORK            | ADDRESS  |
|-----------|------------------------|--------------------|----------|
| <b>16</b> | <b>24 VDC discrete</b> | <b>LON LinkNet</b> | <b>7</b> |

Woodward 9905-971 is a 16-channel, 24 VDC discrete input node for the first-generation LON-based LinkNet remote I/O system. It is used to report binary field states over the LinkNet network.

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## VERIFIED TECHNICAL DATA

|                    |                                      |
|--------------------|--------------------------------------|
| Product model      | 9905-971                             |
| Manufacturer       | Woodward                             |
| Product family     | First-generation LON-based LinkNet   |
| Module type        | Discrete input module                |
| Input channels     | 16                                   |
| Input voltage      | 24 VDC                               |
| Network address    | 7                                    |
| Network connection | Shielded twisted-pair LinkNet wiring |

Only values supported by the cited public manufacturer documents are included.

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## ADDITIONAL VERIFIED DATA

|                  |                                                          |
|------------------|----------------------------------------------------------|
| Address setting  | Two rotary switches                                      |
| Lifecycle notice | Final production stop; inactive in ERP from January 2024 |

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## PRODUCT FUNCTION

Woodward 9905-971 is a LON-based LinkNet remote discrete input module with 16 channels and network address 7 in the documented 723PLUS LinkNet configuration. The module reports open or closed contact states to the connected controller over the LinkNet I/O network.

Woodward states that LinkNet modules connect through shielded twisted-pair wiring and use rotary switches for the configured network address. Product Change Notification 06988 identifies 9905-971 as an obsolete 24 VDC module subject to final production stop and inactive ERP status from January 2024.

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## OFFICIAL APPLICATIONS

- Remote collection of sixteen binary field-status signals
- Non-time-critical sequencing inputs in a LinkNet I/O network
- Monitoring discrete contact states through a 723PLUS LON channel
- Legacy LinkNet node maintenance in an installed Woodward control system
- Transmission of open or closed channel state to a Modbus-connected supervisory device through the controller

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## OFFICIAL SOURCES

[Open official manufacturer source](#)

[Open official product or document index](#)

### AMIKON PRODUCT SUPPORT

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