

Standard Output Stations



- FDNP-S0008G-TT
- FDNP-S0008G-TT-V
- FDNP-S0008H-TT*
- FDNP-S0016N-TT-0200*

*Not FM



- Rugged, Fully Potted Stations
- IP 67, IP 68, IP 69K Protection
- Auxiliary Powered Outputs
- Automatic Baud Rate Sensing

Electrical

- Operating Current: <140 mA (FDNP...G-TT), <50 mA (FDNP...H-TT), <75 mA (FDNP...0200) (from DeviceNet)
- Output Current: see table on facing page (from aux. power)

Power Distribution

- Outputs: Auxiliary power supply

Mechanical

- Operating Temperature: -40 to +70°C (-40 to +158°F)
- Protection: NEMA 1,3,4,12,13 / IEC IP 67, IP 68, IP 69K
- Vibration: 50 g @ 10-500 Hz

Material

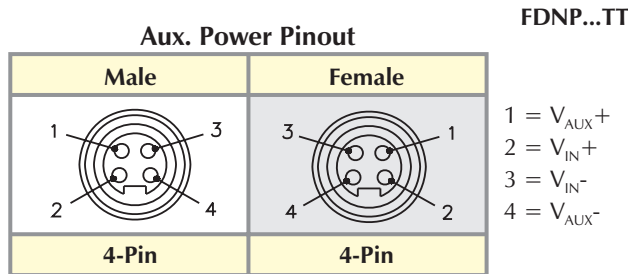
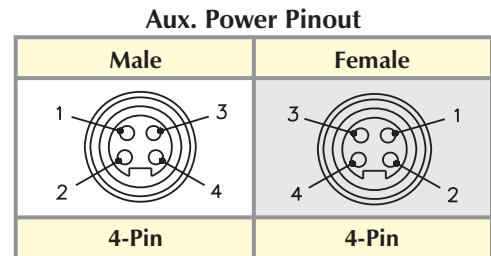
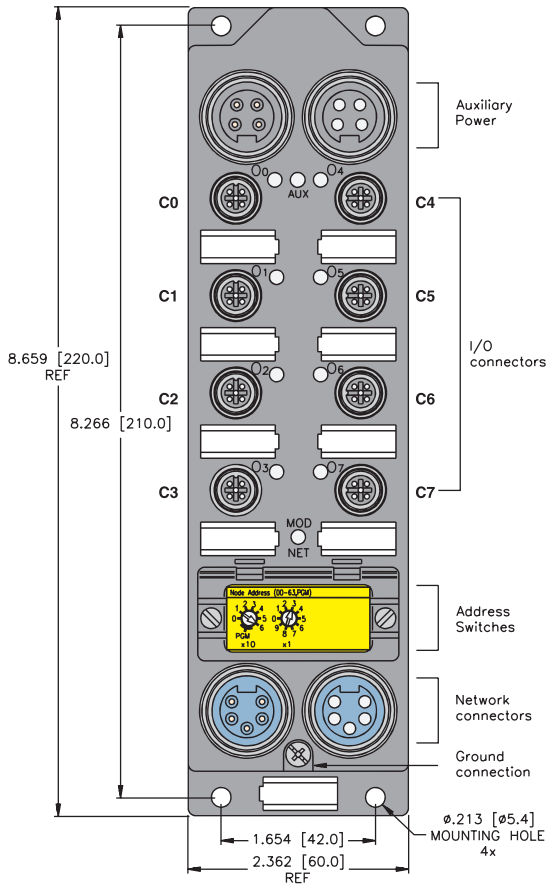
- Connectors: Nickel-plated brass (stainless steel available on request)
- Housing: Nylon 6 (other materials available on request)

Diagnostics (Logical)

- short-circuit status mapped to DeviceNet I/O table, one bit per each I/O point (except FDNP...0200 has no diagnostic data)

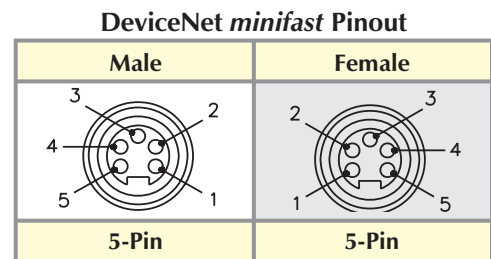
Diagnostics (Physical)

- Individual LED to indicate open/short-circuit for each channel (except FDNP...0200 has one LED indicating a short for all I/O points)



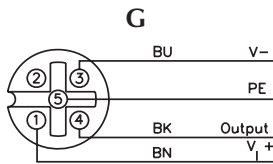
FDNP...0200

- 1 = Shield
 2 = V+
 3 = V-
 4 = CAN_H
 5 = CAN_L

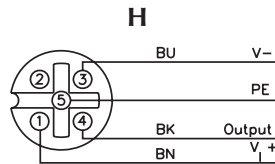


Outputs								Data
Part Number	Output Count	Connectors	Pinout	Outputs per Connector	Current	Individual Diagnostics	Wire-Break Detection	I/O Map
FDNP-S0008G-TT	8	0-7	G	1	0.5 A	X		1
FDNP-S0008G-TT-V	8	0-7	G	1	0.5 A	X		1
FDNP-S0008H-TT	8	0-7	H	1	1.4 A	X		1
FDNP-S0016N-TT-0200	16	0-7	2GN	2	0.5 A			2

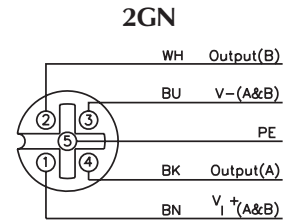
Output Connectors



Mating cordset:
RK 4.4T-*-RS 4.4T



Mating cordset:
RK 4.4T-*-RS 4.4T



Mating cordset:
RK 4.4T-*-RS 4.4T
Splitter:
VBRS 4.4-2RK 4T-*/*

I/O Data Map 1

In	Byte	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
	0	0S-7	0S-6	0S-5	0S-4	0S-3	0S-2	0S-1	0S-0
Out	0	0-7	0-6	0-5	0-4	0-3	0-2	0-1	0-0

I/O Data Map 2

Out	Byte	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
	0	0-7	0-6	0-5	0-4	0-3	0-2	0-1	0-0
1	0-15	0-14	0-13	0-12	0-11	0-10	0-9	0-8	