

- Class 1, Division 2 Barrier
- Provides non-incendive isolation for analog and discrete signals
- Eliminates need for explosion proof enclosures
- Eliminates costly wiring
- DIN rail mountable housing
- Internal thermal fuse
- LED indicator warns of a fault condition
- CSA



MODEL Type Wire Size Voltage Output Amperage Output Width Approvals	NIB-TA25mA-1X Analog Signal & Discrete NIB 24-12 AWG 24 VDC 35 mA 6.2 mm ©				
1 channel ASD-NIB	Part Number Std. F Model Number Pack M 34.243.0030.0 1	Part Number Std. odel Number Pack	Part Number Std Model Number Pack	I. Part Number k Model Number	Std. Pack
Mechanical Housing Material Degree of Protection Temperature Range Temperature Code Electrical Input Voltage Range Maximum Input Voltage Maximum Output Voltage Maximum Output Voltage Input Current Nominal Output Current 420mA insertion loss Wire Gage Internal Resistance Field Wiring	Self-extinguishing polyamide IP20 -40°C to +75°C T3C (160°C) 5 - 30 VDC 36 VDC 24 VDC 5 - 37 mA 25 mA 35 mA 0.1 mA 24 - 12 AWG 47 ohms	Safe area PLC (Power Supply) PLC (0v / GROUND) GROUND Grou	Hazardou Normal Green Supply Positive Return Negative Und Negative Und Negative Nega	us area	
(Recommended) Max. Cable Inductance Max. Loop Capacitance Indicators	Group A — 25 μH/Ω 0.27 μF Group B — 25 μH/Ω 0.27 μF Group C — 60 μH/Ω 0.81 μF Group D — 200 μH/Ω 2.16 μF Green - Normal Operation	Supply (Positive)		Output — (To Field)	
Fault Condition	Amber Fault Condition Amber light typically indicates a ground fault on the output. At 45 VDC the fault light will illuminate (even with no output connected) If the temperature rises above 75°C a thermal fuse will open the output.	Return (Negative) Ground		Return (From Field)	



