

DATASHEET

The small and narrow Ambu BlueSensor N is recommended for pediatric monitoring. It features conductive wet gel, offset connector and suitable adhesion to ensure signal during short-term applications.

Key benefits

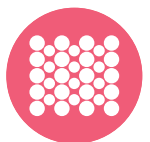
- Offset connector mitigates the impact on signal quality from external forces like pulling of lead wires and pressure on electrodes
- Offset connector allows the user to connect and disconnect the lead wire without applying pressure to the patient or the sensor area, which reduces the risk of gel spreading and adhesive detachment from skin
- Conductive wet gel lowers skin impedance effectively and immediately
- Wet gel optimizes contact between skin and electrode
- Adhesion is suitable for short-term application
- Ag/AgCl sensor ensures stable signal quality
- Visible release liner can help prevent medical accidents for both users and patients
- Also available with preattached lead wire

Ambu® BlueSensor N

ECG Electrode
Single use



Wet gel



Foam backing



Silver sensor

BlueSensor

Ambu

SPECIFICATIONS

Dimensions

Electrode size (length x width in mm)	45 x 22 (non-wire) 30 x 22 (prewired)
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Adhesive area (in mm ²)	461
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Sensor

Sensor material	Silver/silver chloride (Ag/AgCl)
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Gel system	Wet gel
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Gel area/measuring area (in mm ²)	95
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Electrical data (ANSI/AAMI)

AC impedance - typical	610 Ω
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DC offset voltage - typical	0.5 mV
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Defibrillation overload recovery - typical	10.21 mV
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Rate of change of polarization potential - typical	-0.17 mV/s
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Combined offset instability and internal noise	3.6 μV
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Bias current tolerance (over 8 hours)	2.2 mV
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MATERIALS

Electrode

Bio-compatible	Yes
Sponge	Polyurethane foam (PUR)
Backing material	Polyvinyl chloride foam (PVC)
Skin adhesive	Acrylate
Upper part	Polyvinyl chloride film (PVC)
Fitting	Polypropylene (PP)
Connector (stud)	Nickel-plated brass
Lead wire core	Copper
Lead wire insulation	Polyvinyl chloride
Lead wire connector	Brass/polypropylene (PP)
Liner	Polyester/polyethylene film (PET/PE)

AVAILABLE CONFIGURATIONS*

Reference number	Units/liner	Units/pouch	Units/inner box	Units/outer box
N-00-A/25	1	25	1000	2000
N-00-F/25	1	25	1000	2000
N-00-S/25	1	25	1000	2000
N-10-A/25	1	25	1000	2000
N-10-F/25	1	25	1000	2000
N-50-A/25	1	25	500	1000
N-50-F/25	1	25	500	1000
N-50-K/25	1	25	500	1000

N-00-S ■ Product ■ Wire length ■ Connector

*some configurations may not be available worldwide

Ambu

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CONNECTORS



S = Stud



A = 4 mm connector



F = 3 mm connector

PRE-WIRED CONNECTORS



A = 4 mm connector



F = 3 mm connector



K = 1.5 mm connector

FEATURES



Printed release liner