

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

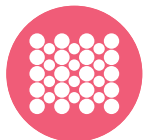
- Offset connector mitigates the impact on signal quality from external forces like pulling of lead wires and pressure on electrodes
- Offset connector allows the user to connect and disconnect the lead wire without applying pressure to the patient or the sensor area, which reduces the risk of gel spreading 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

SPECIFICATIONS

Dimensions

| | |
|---------------------------------------|--|
| Electrode size (length x width in mm) | 45 x 22 (non-wire) 30 x 22 (prewired) |
|---------------------------------------|--|

| | |
|-------------------------------------|-----|
| Adhesive area (in mm ²) | 461 |
|-------------------------------------|-----|

Sensor

| | |
|-----------------|----------------------------------|
| Sensor material | Silver/silver chloride (Ag/AgCl) |
|-----------------|----------------------------------|

| | |
|------------|---------|
| Gel system | Wet gel |
|------------|---------|

| | |
|---|----|
| Gel area/measuring area (in mm ²) | 95 |
|---|----|

Electrical data (ANSI/AAMI)

| | |
|------------------------|-------|
| AC impedance - typical | 610 Ω |
|------------------------|-------|

| | |
|-----------------------------|--------|
| DC offset voltage - typical | 0.5 mV |
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|--|----------|
| Defibrillation overload recovery - typical | 10.21 mV |
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| | |
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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

Environment

Electrode is not made with natural rubber latex

Wire is not made with natural rubber latex

Packaging is PVC-free

X-ray & MRI

Radiolucent No

MR Conditional No

Shelf life

Opened pouches 1 month

Unopened pouches 24 months *

*from date of production

Options

Non-wired connectors S, A, F

Pre-wired connectors A, F, K

Precaution

Single use only -

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

Ambu

CE