

DrägerSensor™ EC Bias Box

The Dräger Bias Box is designed to warm-up electrochemical DrägerSensors before installation into a stationary Polytron transmitter. This significantly reduces the normal warm-up time. After warming-up, when the sensor is installed into an instrument it will be ready to operate within five minutes. A built in battery and rugged waterproof Pelican® enclosure makes it easy to swap out sensors in the field.



D-36249-2021



D-44128-2021

Area Classification	General Purpose
Sensor Capacity	4 DrägerSensor EC
User Interface	5 LEDs indicating sensor and battery status
Dimensions	(L×W×D) 9.44 x 7.80 x 4.29 in (24 x 19.8 x 10.9 cm)
Weight	3.3 lbs (1.5 kg)
Housing	Polypropylene IP67
Hazardous Area Rating	None, General Purpose use only
Temperature	-4F (-20C) to 113F (45C)
Power	6VDC using 5 1.2V AA NiCad Batteries 120VAC 12VDC 500 mA Trickle Charger
Battery Life	5.0 Ah Battery Capacity for approx. 300 hours use

ORDERING INFORMATION

NA10649	EC Sensor Bias Box for 4 sensors incl. charger
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TRANSMITTER COMPATIBILITY

Polytron 3000
Polytron 5000
Polytron 5100
Polytron 6100
Polytron 7000
Polytron 8100
PointGard 2100
PointGard II
Polytron 2
Polytron TX
Polytron 2 XP Tox

NA10649 SPECIFICATIONS

Sensor Warm Up Time	Approx. 5 Minutes after installing into transmitter
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ELECTROCHEMICAL SENSOR COMPATIBILITY

DrägerSensor®Cl ₂	6809665
DrägerSensor®COCl ₂	6809930
DrägerSensor®CO	6809605
DrägerSensor®COLS	6809620
DrägerSensor®COLH	6812570
DrägerSensor®H ₂	6809685
DrägerSensor®H ₂ O ₂ HC	6809675
DrägerSensor®H ₂ O ₂ LC	6809705
DrägerSensor®H ₂ SLC	6809610
DrägerSensor®H ₂ SHC	6809710
DrägerSensor®H ₂ S	6810435
DrägerSensor®HCl	6809640
DrägerSensor®HCN	6809650
DrägerSensor®HCNLC	6813200
DrägerSensor®Hydrides	6809635
DrägerSensor®HydridesSC	6809980
DrägerSensor®PH ₃ /AsH ₃	6809695
DrägerSensor®Hydrazine	6810180
DrägerSensor®NH ₃ LC	6809680
DrägerSensor®NH ₃ HC	6809645
DrägerSensor®NH ₃ TL	6813095
DrägerSensor®NH ₃ FL	6813260
DrägerSensor®NOLC	6809625
DrägerSensor®NO ₂	6809655
DrägerSensor®NO ₂ LC	6813205
DrägerSensor®O ₃	6814005
DrägerSensor®O ₂ LS	6809630
DrägerSensor®O ₂	6809720
DrägerSensor®OV1	6810740
DrägerSensor®OV2	6810745
DrägerSensor®SO ₂	6809660

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