

# SDP800 Series Cap

Add-on component for (SDP8xx/6xx/5xx)



## Product Summary

The SDP800 Series cap is an add-on component for the SDP800 series differential pressure sensor. The cap is compatible with all SDP8xx, SDP6xx and SDP5xx sensors. It serves as a connector; compatible with the DuraClik™ Wire-to-Board Receptacle Housing.

The cap is especially suited for applications where the sensor is not PCB-mounted but connected with a cable. The cap makes an easy and secure connection between the cable and SDP800 series sensor.

## 1. Specifications

### 1.1 Storage and operating conditions

| Parameter         | Specification    |
|-------------------|------------------|
| Temperature Range | -40 °C to +85 °C |

### 1.2 Materials

| Parameter    | Specification            |
|--------------|--------------------------|
| Materials    | ABS Terluran GP35        |
| REACH, RoHS, | REACH and RoHS compliant |

## 2. OEM Options

Customizations are possible for high-volume OEM applications. Contact Sensirion for more information.

## 3. Mechanical Specifications

The SDP800 series cap fits on all SDP8xx, SDP6xx and SDP5xx versions.

The connector of the cap is compatible with DuraClik™ Wire-to-Board Receptacle Housing, Single Row, 4 Circuits. (Molex product number: 502351-0400).

For pin connections, please refer to the SDP800 series Differential Pressure sensor datasheet.

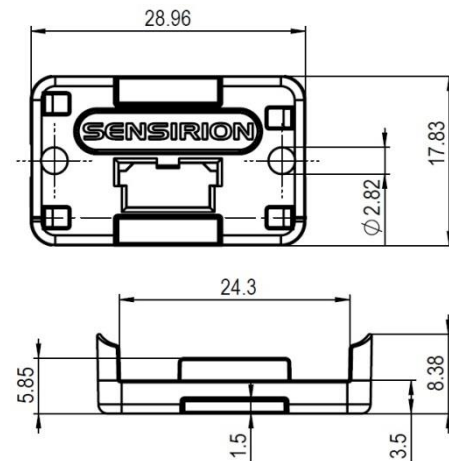


Figure 1: SDP800 Series cap. All dimensions in mm.

## 4. Ordering Information

Use the part names and item numbers shown in the following table when ordering SDP800 series cap. For the latest product information and local distributors, visit [www.sensirion.com](http://www.sensirion.com).

| Description       | Product number |
|-------------------|----------------|
| SDP800 series cap | 1-101108-01    |

Packaging will be in bags of 1000 pieces (+/- 1%).

**Note: The cap will be delivered separately from the SDP800 series sensors as bulk good.**

## 5. Revision history

| Date     | Author | Version | Changes                            |
|----------|--------|---------|------------------------------------|
| Oct 2015 | ANB    | V1      | Release                            |
| Jan 2017 | ANB    | V1.1    | Product renamed SDP800 Series cap. |

## Important Notices

### Warning, personal injury

**Do not use this product as safety or emergency stop devices or in any other application where failure of the product could result in personal injury (including death). Do not use this product for applications other than its intended and authorized use. Before installing, handling, using or servicing this product, please consult the datasheet and application notes. Failure to comply with these instructions could result in death or serious injury.**

If the Buyer shall purchase or use SENSIRION products for any unintended or unauthorized application, Buyer shall defend, indemnify and hold harmless SENSIRION and its officers, employees, subsidiaries, affiliates and distributors against all claims, costs, damages and expenses, and reasonable attorney fees arising out of, directly or indirectly, any claim of personal injury or death associated with such unintended or unauthorized use, even if SENSIRION shall be allegedly negligent with respect to the design or the manufacture of the product.

### Warranty

SENSIRION warrants solely to the original purchaser of this product for a period of 12 months (one year) from the date of delivery that this product shall be of the quality, material and workmanship defined in SENSIRION's published specifications of the product. Within such period, if proven to be defective, SENSIRION shall repair and/or replace this product, in SENSIRION's discretion, free of charge to the Buyer, provided that:

- notice in writing describing the defects shall be given to SENSIRION within fourteen (14) days after their appearance;
- such defects shall be found, to SENSIRION's reasonable satisfaction, to have arisen from SENSIRION's faulty design, material, or workmanship;

- the defective product shall be returned to SENSIRION's factory at the Buyer's expense; and
- the warranty period for any repaired or replaced product shall be limited to the unexpired portion of the original period.

This warranty does not apply to any equipment which has not been installed and used within the specifications recommended by SENSIRION for the intended and proper use of the equipment. EXCEPT FOR THE WARRANTIES EXPRESSLY SET FORTH HEREIN, SENSIRION MAKES NO WARRANTIES, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THE PRODUCT. ANY AND ALL WARRANTIES, INCLUDING WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY EXCLUDED AND DECLINED.

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SENSIRION does not assume any liability arising out of any application or use of any product or circuit and specifically disclaims any and all liability, including without limitation consequential or incidental damages. All operating parameters, including without limitation recommended parameters, must be validated for each customer's applications by customer's technical experts. Recommended parameters can and do vary in different applications.

SENSIRION reserves the right, without further notice, (i) to change the product specifications and/or the information in this document and (ii) to improve reliability, functions and design of this product.

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