

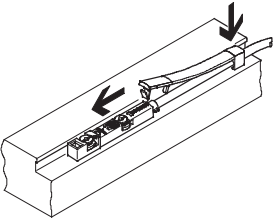
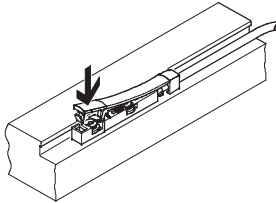
# Mounting kits SAMH-S



# Mounting kits SAMH-S

Key features and type codes

| Function   |   |   |   |
|--|---|---|---|
| Tamper-proof mounting of proximity sensors of the type SMx-8M or SMT-8M-A. These mounting kits fulfil the applicable requirements of | EN ISO 13849-2 for mechanical systems: tamper-proof, captive components, positive-locking. The mounted cover prevents access to the | clamping screws of the terminal block and proximity sensor. This prevents the proximity sensor being disassembled or moved. The cover | cannot be removed without destroying it. This enables any attempt to tamper with the proximity sensor to be identified. |

| Mounting  |   |  |  |
|---|---|--|--|
|  | <ul style="list-style-type: none"> <li>Screw terminal block firmly in place</li> <li>Fit cover on the sensor cable</li> </ul> |  | <ul style="list-style-type: none"> <li>Push the cover forward as far as the proximity sensor and engage</li> </ul> |

| Possible application   |   |   |   |
|--|---|---|---|
| The mounting kit has been tested with the proximity sensors SMT-8M-A, SME-8M and SMT-8M (apart from SME-8M-DO) within the framework of | qualification of the drives listed in the following table. The drive extends the overall length of the proximity sensor. To guarantee its reliable operation, the | specified minimum strokes must be taken into consideration with the drives. Compatibility with drives not | listed here must be examined where necessary. |

| Drive   | Diameter in mm | Minimum stroke in mm | Restrictions         |
|---------|----------------|----------------------|----------------------|
| ADN/AEN | 12             | 16                   | –                    |
| ADN/AEN | 16             | 17                   | –                    |
| ADN/AEN | 20             | 15                   | –                    |
| ADN/AEN | 25             | 15                   | –                    |
| ADN/AEN | 32             | 12                   | –                    |
| ADN/AEN | 40             | 12                   | –                    |
| ADN/AEN | 50             | 12                   | –                    |
| ADN/AEN | 63             | 10                   | –                    |
| ADN/AEN | 80             | 7                    | –                    |
| ADN/AEN | 100            | 1                    | –                    |
| ADN/AEN | 125            | 0                    | –                    |
| DNC     | 32             | 12                   | –                    |
| DNC     | 40             | 10                   | –                    |
| DNC     | 50             | 11                   | –                    |
| DNC     | 63             | 10                   | –                    |
| DNC     | 80             | 6                    | –                    |
| DNC     | 100            | 3                    | –                    |
| DNC     | 125            | 0                    | –                    |
| DNCE    | 32             | 23                   | SMx-8M <sup>1)</sup> |
| DNCE    | 40             | 22                   | SMx-8M <sup>1)</sup> |
| DNCE    | 63             | 17                   | –                    |
| DGC-KF  | 18             | 1                    | –                    |
| DGC-GF  | 32             | 0                    | –                    |
| DGC-GF  | 40             | 0                    | –                    |
| DGC-GF  | 50             | 0                    | –                    |
| DGC-KF  | 50             | 0                    | –                    |
| DGC-KF  | 63             | 0                    | –                    |
| DGC-GF  | 63             | 0                    | –                    |

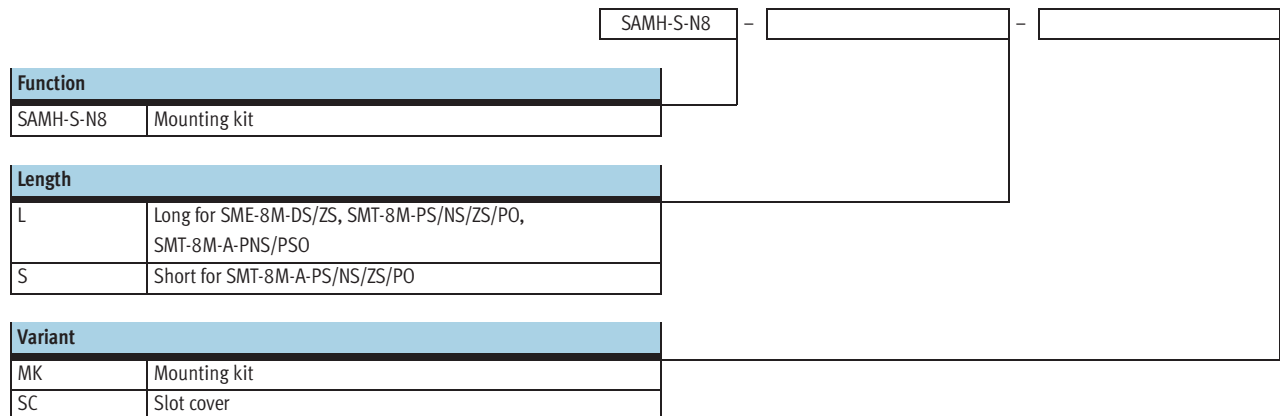
1) SME-8M, SMT-8M, SMT-8M-A-PNS/PSO: Sensing of the end position at the bearing cap not possible.

# Mounting kits SAMH-S

Key features and type codes

| Drive           | Diameter in mm | Minimum stroke in mm | Restrictions |
|-----------------|----------------|----------------------|--------------|
| STA- ... -P-A-R | 20             | 15                   | -            |
| STA- ... -P-A-R | 32             | 11                   | -            |
| STA- ... -P-A-R | 50             | 11                   | -            |
| DSBC/DNCB       | 32             | 15                   | -            |
| DSBC/DNCB       | 40             | 14                   | -            |
| DSBC/DNCB       | 50             | 14                   | -            |
| DSBC/DNCB       | 63             | 14                   | -            |
| DSBC/DNCB       | 80             | 13                   | -            |
| DSBC/DNCB       | 100            | 13                   | -            |
| STAF            | 32             | 17                   | -            |
| STAF            | 50             | 17                   | -            |
| STAF            | 80             | 14                   | -            |
| DFST            | 50             | 15                   | -            |
| DFST            | 63             | 7                    | -            |
| DFST            | 80             | 0                    | -            |
| DFSP            | 16             | 14                   | -            |
| DFSP            | 20             | 16                   | -            |
| DFSP            | 32             | 12                   | -            |
| DFSP            | 40             | 12                   | -            |
| DFSP            | 50             | 12                   | -            |

## Type codes



# Mounting kits SAMH-S

## Technical data

Temperature range

-40 ... 85 °C



| Technical data – Mounting kit |   |                |
|-------------------------------|---|----------------|
| Type                          | SAMH-S-N8-S-MK  | SAMH-S-N8-L-MK |
| Design                        | For T-slot  |                |
| Type of mounting              | Engaging  |                |
|                               | Insertable in the slot from above, secured with screw |                |
| Max. tightening torque [Nm]   | 0.6   |                |
| Product weight [g]            | 1.88  | 1.91           |
| Information on materials      | High-alloy steel                                      |                |
| Note on materials             | Free of copper and PTFE                               |                |
|                               | RoHS-compliant  |                |

| Operating and environmental conditions       |               |  |
|--|---------------|--|
| Ambient temperature [°C]                     | -40 ... 85 °C |  |
| Corrosion resistance class CRC <sup>1)</sup> | 3             |  |

- 1) Corrosion resistance class 3 according to Festo standard 940 070  
 Components subject to high corrosion stress. External visible parts in direct contact with industrial atmospheres or media such as solvents and cleaning agents, with a predominantly functional requirement for the surface.

| Technical data – Cover   |                                   |                |
|--------------------------|-----------------------------------|----------------|
| Type                     | SAMH-S-N8-S-SC                    | SAMH-S-N8-L-SC |
| Design                   | For T-slot                        |                |
| Type of mounting         | Engaging                          |                |
|                          | Insertable in the slot from above |                |
| Product weight [g]       | 0.36                              | 0.39           |
| Information on materials | PA                                |                |
| Note on materials        | Free of copper and PTFE           |                |
|                          | RoHS-compliant                    |                |

| Operating and environmental conditions       |               |  |
|--|---------------|--|
| Ambient temperature [°C]                     | -40 ... 85 °C |  |
| Corrosion resistance class CRC <sup>1)</sup> | 3             |  |

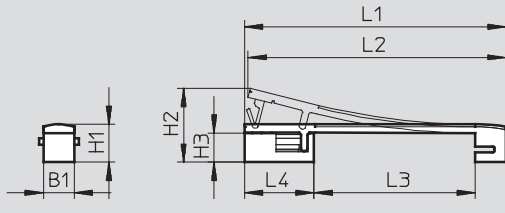
- 1) Corrosion resistance class 3 according to Festo standard 940 070  
 Components subject to high corrosion stress. External visible parts in direct contact with industrial atmospheres or media such as solvents and cleaning agents, with a predominantly functional requirement for the surface.

# Mounting kits SAMH-S

Technical data

## Dimensions

Download CAD Data → [www.festo.com/us/cad](http://www.festo.com/us/cad)



| Type           | B1   | H1  | H2   | H3  | L1   | L2 | L3   | L4   |
|----------------|------|-----|------|-----|------|----|------|------|
| SAMH-S-N8-S-MK | 5.05 | 6.2 | 12.1 | 4.8 | 42.9 | 42 | 26.5 | 11.4 |
| SAMH-S-N8-L-MK |      |     | 14.1 |     | 48.4 | 47 | 32   |      |

## Ordering data

|   | Description   | Part No. | Type           | PU <sup>1)</sup> |
|---|---|----------|----------------|------------------|
| Mounting kit, terminal block with cover | Short (for SMT-8M-A-PS/NS/ZS/PO)                              | 575815   | SAMH-S-N8-S-MK | 1                |
|   | Long (for SME-8M-DS/ZS, SMT-8M-PS/NS/ZS/PO, SMT-8M-A-PNS/PSO) | 575816   | SAMH-S-N8-L-MK | 1                |
| Cover                                   | Short   | 575817   | SAMH-S-N8-S-SC | 10               |
|   | Long  | 575818   | SAMH-S-N8-L-SC | 10               |

1) Packaging unit

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