

**SAIS-WDF-3+PE-M20-S-COD****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

Your peripheral devices should be supplied with greater power. With our new M12 plug-in connector, more than 250 V and 2 A is possible without problems. The compact A-, K-, L-, S- and T-coded M12 plug-in connectors are designed for the transmission of up to 630 V AC or 60 V DC and 12 A.

**General ordering data**

|            |   |
|------------|---|
| Version    | Panel feed-through, Number of poles: 4, Coding: S-coded, M12, 630 V |
| Order No.  | <a href="#">1460290000</a>  |
| Type       | SAIS-WDF-3+PE-M20-S-COD   |
| GTIN (EAN) | 4050118266412   |
| Qty.       | 1 pc(s).  |

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## Technical data

## Dimensions and weights

|            |      |
|------------|------|
| Net weight | 20 g |
|------------|------|

## Technical data customisable plug-in connectors

|                               |                     |                               |                      |
|-------------------------------|---------------------|-------------------------------|----------------------|
| Cable glands                  | M 20                | Coding                        | S-coded              |
| Conductor cross-section, max. | 1.5 mm <sup>2</sup> | Conductor cross-section, min. | 0.14 mm <sup>2</sup> |
| Contact material              | CuZn                | Contact surface               | Gold-plated          |
| Housing main material         | Plastic             | Insulation strength           | 10 <sup>8</sup> Ω    |
| Number of poles               | 4                   | Plugging cycles               | ≥ 100                |
| Pollution severity            | 3                   | Protection degree             | IP67                 |
| Rated current                 | 12 A                | Rated current                 | 12 A                 |
| Rated voltage                 | 630 V               | Shield connection             | No                   |
| Temperature range of housing  | -40 ... +85 °C      | Threaded ring material        | Diecast zinc         |
| Type of connection            | Screw connection    |                               |                      |

## General technical specifications

|                        |                   |                              |                  |
|------------------------|-------------------|------------------------------|------------------|
| Cable glands           | M 20              | Coding                       | S-coded          |
| Connection thread      | M12               | Contact material             | CuZn             |
| Contact surface        | Gold-plated       | Housing main material        | Plastic          |
| Insulation strength    | 10 <sup>8</sup> Ω | Number of poles              | 4                |
| Plugging cycles        | ≥ 100             | Pollution severity           | 3                |
| Protection degree      | IP67              | Rated current                | 12 A             |
| Rated voltage          | 630 V             | Temperature range of housing | -40 ... +85 °C   |
| Threaded ring material | Diecast zinc      | Type of connection           | Screw connection |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002925    | ETIM 7.0    | EC002925    |
| ETIM 8.0    | EC002925    | ETIM 9.0    | EC002925    |
| ECLASS 9.0  | 27-44-01-06 | ECLASS 9.1  | 27-44-01-06 |
| ECLASS 10.0 | 27-44-01-06 | ECLASS 11.0 | 27-44-01-06 |
| ECLASS 12.0 | 27-44-01-06 | ECLASS 13.0 | 27-44-01-06 |

## Environmental Product Compliance

|            |                                      |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1                       |
| SCIP       | ebf89fc8-a87f-4691-b87a-dfb9921774b4 |

## Approvals

Approvals



|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate No. (cURus) | E307231    |

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## Technical data

### Downloads

|                  |  |
|------------------|--|
| Engineering Data | <a href="#">CAD data – STEP</a>  |
| Catalogues       | <a href="#">Catalogues in PDF-format</a>                               |
| Brochures        | <a href="#">FL FIELDWIRING EN</a><br><a href="#">FL FIELDWIRING EN</a> |

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# Drawings

**Pole scheme**

