

# Enclosure Stainless Steel, Ex e Component Approved



SR\*.\*

- Stainless Steel enclosure
- Brushed enclosure, IP66
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Ex eb and Ex tb certified
- Suitable for operation in Class I, II Division 2
- Suitable for operation in Class I Zone 2, Class II Zone 22
- 32 enclosure size options
- Return Flange Sealing provides Drain Channel
- Option for vertical or horizontal mounting provides high flexibility
- Customizable configuration of gland plates, ground bolt and hinges as per specification
- Wide range of accessories available

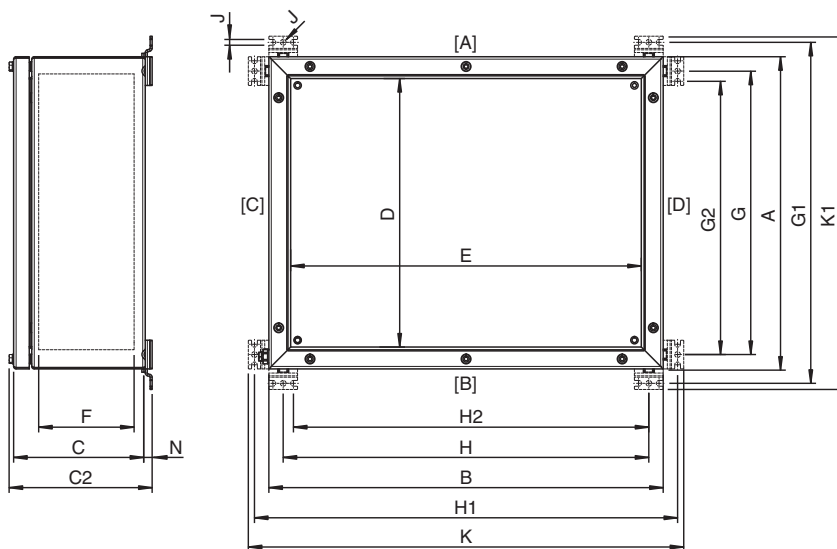
## Enclosure Stainless Steel, Ex e Component Approved



### Function

The SR series of empty component approved enclosures offer an excellent base to build your solution. Whether you plan to produce terminal boxes, control stations or control panels, the SR series has been specifically sized and designed to meet the needs of your market. The enclosures can be supplied in a primary form or fully loaded with many accessory options such as gland plates in 3 or 6 mm thickness, hinges on the left or right of the enclosure, quarter-turn locks, cover security hasp, grounding bolts in various sizes and materials as well as a wide range of labeling options. The enclosures can be installed in a landscape or portrait orientation either directly to the enclosure bottom or by means of stainless steel AISI 316L mounting brackets which are in the scope of delivery. The main body of the enclosure and its fixings are manufactured from stainless steel AISI 316L to ensure a high quality, corrosion resistant and durable enclosure.

### Dimensions



Release date: 2023-10-23 Date of issue: 2023-10-23 Filename: t202985\_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group  
www.pepperl-fuchs.com

USA: +1 330 486 0002  
pa-info@us.pepperl-fuchs.com

Germany: +49 621 776 2222  
pa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091  
pa-info@sg.pepperl-fuchs.com

**PF** PEPPERL+FUCHS

Dimension values see data table.  
Image and drawing are generic for this device type and may deviate from the specific variant.

### Dimensions and Enclosure Details

| Type           | External dimensions [mm] |      |     |     |      |      | Internal dimensions [mm] |      |       | Mass [kg] | Cover screws |      |             |
|----------------|--------------------------|------|-----|-----|------|------|--------------------------|------|-------|-----------|--------------|------|-------------|
|                | A                        | B    | C   | C2  | K    | K1   | D                        | E    | F     |           | Mx           | qty. | Torque [Nm] |
| SRS.10.11.09   | 102                      | 116  | 86  | 91  | 145  | -    | 72                       | 86   | 72    | 0.7       | M6           | 4    | 3 - 3.5     |
| SRS.11.14.09   | 116                      | 142  | 86  | 91  | -    | 145  | 86                       | 112  | 72    | 1         | M6           | 4    | 3 - 3.5     |
| SRS.11.18.09   | 116                      | 182  | 86  | 91  | -    | 145  | 86                       | 152  | 72    | 1.3       | M6           | 4    | 3 - 3.5     |
| SRS.11.22.09   | 116                      | 222  | 86  | 91  | -    | 145  | 86                       | 192  | 72    | 1.5       | M6           | 4    | 3 - 3.5     |
| SRS.15.15.09   | 156                      | 156  | 94  | 99  | 185  | -    | 126                      | 126  | 80    | 1.9       | M6           | 4    | 3 - 3.5     |
| SRS.15.19.09   | 156                      | 196  | 94  | 99  | 225  | -    | 126                      | 166  | 80    | 2.5       | M6           | 4    | 3 - 3.5     |
| SRS.19.19.10   | 196                      | 196  | 104 | 109 | 225  | -    | 166                      | 166  | 90    | 3         | M6           | 4    | 3 - 3.5     |
| SRM.19.38.16   | 190                      | 380  | 160 | 174 | 430  | 230  | 136                      | 326  | 124.5 | 6.2       | M6           | 4    | 3 - 3.5     |
| SRM.23.30.16   | 230                      | 300  | 160 | 174 | 350  | 280  | 176                      | 246  | 124.5 | 5.8       | M6           | 4    | 3 - 3.5     |
| SRM.26.26.09   | 260                      | 260  | 87  | 101 | 310  | 310  | 206                      | 206  | 51.5  | 5.3       | M6           | 4    | 3 - 3.5     |
| SRM.26.26.16   | 260                      | 260  | 160 | 174 | 310  | 310  | 206                      | 206  | 124.5 | 5.8       | M6           | 4    | 3 - 3.5     |
| SRM.26.26.22   | 260                      | 260  | 220 | 234 | 310  | 310  | 206                      | 206  | 184.5 | 6.3       | M6           | 4    | 3 - 3.5     |
| SRM.31.31.09   | 310                      | 310  | 87  | 101 | 360  | 360  | 256                      | 256  | 51.5  | 7.2       | M6           | 4    | 3 - 3.5     |
| SRM.31.31.16   | 310                      | 310  | 160 | 174 | 360  | 360  | 256                      | 256  | 124.5 | 8         | M6           | 4    | 3 - 3.5     |
| SRM.31.31.22   | 310                      | 310  | 220 | 234 | 360  | 360  | 256                      | 256  | 184.5 | 8.8       | M6           | 4    | 3 - 3.5     |
| SRM.38.38.16   | 380                      | 380  | 160 | 174 | 430  | 430  | 326                      | 326  | 124.5 | 10        | M6           | 4    | 3 - 3.5     |
| SRM.38.38.22   | 380                      | 380  | 220 | 234 | 430  | 430  | 326                      | 326  | 184.5 | 11        | M6           | 4    | 3 - 3.5     |
| SRM.38.48.09   | 380                      | 480  | 87  | 101 | 430  | 530  | 326                      | 426  | 51.5  | 11        | M6           | 6    | 3 - 3.5     |
| SRM.38.48.16   | 380                      | 480  | 160 | 174 | 530  | 530  | 326                      | 426  | 124.5 | 12        | M6           | 6    | 3 - 3.5     |
| SRM.38.48.22   | 380                      | 480  | 220 | 234 | 530  | 530  | 326                      | 426  | 184.5 | 13        | M6           | 6    | 3 - 3.5     |
| SRL.38.76.16   | 380                      | 760  | 160 | 174 | 815  | 430  | 326                      | 706  | 124.5 | 15        | M6           | 6    | 3 - 3.5     |
| SRL.40.60.22   | 400                      | 600  | 220 | 234 | 650  | 450  | 346                      | 546  | 184.5 | 15.5      | M6           | 6    | 3 - 3.5     |
| SRL.48.48.16   | 480                      | 480  | 160 | 174 | 530  | 530  | 426                      | 426  | 124.5 | 14        | M6           | 8    | 3 - 3.5     |
| SRL.48.48.22   | 480                      | 480  | 220 | 234 | 530  | 530  | 426                      | 426  | 184.5 | 16        | M6           | 8    | 3 - 3.5     |
| SRL.48.76.16   | 480                      | 760  | 160 | 174 | 810  | 530  | 426                      | 706  | 124.5 | 20        | M6           | 8    | 3 - 3.5     |
| SRL.48.76.22   | 480                      | 760  | 220 | 234 | 810  | 530  | 426                      | 706  | 184.5 | 22        | M6           | 8    | 3 - 3.5     |
| SRL.60.60.26   | 600                      | 600  | 260 | 274 | 650  | 650  | 546                      | 546  | 224.5 | 24        | M6           | 8    | 3 - 3.5     |
| SRX.80.80.30   | 800                      | 800  | 300 | 314 | 900  | 900  | 746                      | 746  | 264.5 | 34        | M6           | 8    | 3 - 3.5     |
| SRX.90.60.30   | 900                      | 600  | 300 | 314 | 700  | 100  | 846                      | 546  | 264.5 | 33        | M6           | 10   | 3 - 3.5     |
| SRX.100.80.30  | 1000                     | 800  | 300 | 314 | 900  | 1100 | 946                      | 746  | 264.5 | 49        | M6           | 10   | 3 - 3.5     |
| SRX.120.120.30 | 1200                     | 1200 | 300 | 314 | 1300 | 1300 | 1146                     | 1146 | 264.5 | 65        | M6           | 16   | 3 - 3.5     |
| SRX.130.80.30  | 1300                     | 800  | 300 | 314 | 900  | 1400 | 1246                     | 746  | 264.5 | 57        | M6           | 12   | 3 - 3.5     |

Mass is valid for empty enclosure, it will increase according to enclosure accessories, integrated components and entry devices  
Values might differ slightly due to manufacturing tolerances

### Mounting Dimensions and Details

| Type         | Mounting [mm] |     |       |     |     |       |     |     |             |
|--------------|---------------|-----|-------|-----|-----|-------|-----|-----|-------------|
|              | G             | G1  | G2    | H   | H1  | H2    | J   | N   | screws qty. |
| SRS.10.11.09 | 41            | -   | -     | -   | 130 | -     | 6.1 | 1.5 | 4 (A)       |
| SRS.11.14.09 | -             | 130 | -     | 107 | -   | -     | 6.1 | 1.5 | 4 (A)       |
| SRS.11.18.09 | -             | 130 | -     | 147 | -   | -     | 6.1 | 1.5 | 4 (A)       |
| SRS.11.22.09 | -             | 130 | -     | 187 | -   | -     | 6.1 | 1.5 | 4 (A)       |
| SRS.15.15.09 | 95            | -   | -     | -   | 170 | -     | 6.1 | 1.5 | 4 (A)       |
| SRS.15.19.09 | 95            | -   | -     | -   | 210 | -     | 6.1 | 1.5 | 4 (A)       |
| SRS.19.19.10 | 135           | -   | -     | -   | 210 | -     | 6.1 | 1.5 | 4 (A)       |
| SRM.19.38.16 | 155           | 225 | 142.5 | 345 | 415 | 332.5 | 7   | 8.5 | 4 (B)       |
| SRM.23.30.16 | 195           | 265 | 182.5 | 265 | 335 | 252.5 | 7   | 8.5 | 4 (B)       |
| SRM.26.26.09 | 225           | 295 | 212.5 | 225 | 295 | 212.5 | 7   | 8.5 | 4 (B)       |
| SRM.26.26.16 | 225           | 295 | 212.5 | 225 | 295 | 212.5 | 7   | 8.5 | 4 (B)       |
| SRM.26.26.22 | 225           | 295 | 212.5 | 225 | 295 | 212.5 | 7   | 8.5 | 4 (B)       |
| SRM.31.31.09 | 275           | 345 | 262.5 | 275 | 345 | 262.5 | 7   | 8.5 | 4 (B)       |
| SRM.31.31.16 | 275           | 345 | 262.5 | 275 | 345 | 262.5 | 7   | 8.5 | 4 (B)       |
| SRM.31.31.22 | 275           | 345 | 262.5 | 275 | 345 | 262.5 | 7   | 8.5 | 4 (B)       |
| SRM.38.38.16 | 345           | 415 | 332.5 | 345 | 415 | 332.5 | 7   | 8.5 | 4 (B)       |
| SRM.38.38.22 | 345           | 415 | 332.5 | 345 | 415 | 332.5 | 7   | 8.5 | 4 (B)       |
| SRM.38.48.09 | 345           | 415 | 332.5 | 445 | 515 | 432.5 | 7   | 8.5 | 4 (B)       |
| SRM.38.48.16 | 345           | 415 | 332.5 | 445 | 515 | 432.5 | 7   | 8.5 | 4 (B)       |
| SRM.38.48.22 | 345           | 415 | 332.5 | 445 | 515 | 432.5 | 7   | 8.5 | 4 (B)       |
| SRL.38.76.16 | 345           | 415 | 332.5 | 725 | 795 | 712.5 | 7   | 8.5 | 4 (B)       |
| SRL.40.60.22 | 365           | 435 | 352.5 | 565 | 635 | 552.5 | 7   | 8.5 | 4 (B)       |
| SRL.48.48.16 | 445           | 515 | 432.5 | 445 | 515 | 432.5 | 7   | 8.5 | 4 (B)       |

Release date: 2023-10-23 Date of issue: 2023-10-23 Filename: t202985\_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group  
www.pepperl-fuchs.com

USA: +1 330 486 0002  
pa-info@us.pepperl-fuchs.com

Germany: +49 621 776 2222  
pa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091  
pa-info@sg.pepperl-fuchs.com

 PEPPERL+FUCHS

| Type           | Mounting [mm] |      |        |      |      |        |   |     | screws qty. |
|----------------|---------------|------|--------|------|------|--------|---|-----|-------------|
|                | G             | G1   | G2     | H    | H1   | H2     | J | N   |             |
| SRL.48.48.22   | 445           | 515  | 432.5  | 445  | 515  | 432.5  | 7 | 8.5 | 4 (B)       |
| SRL.48.76.16   | 445           | 515  | 432.5  | 725  | 795  | 712.5  | 7 | 8.5 | 4 (B)       |
| SRL.48.76.22   | 445           | 515  | 432.5  | 725  | 795  | 712.5  | 7 | 8.5 | 4 (B)       |
| SRL.60.60.26   | 565           | 670  | 552.5  | 565  | 635  | 552.5  | 7 | 8.5 | 4 (B)       |
| SRX.80.80.30   | 765           | 870  | 752.5  | 765  | 870  | 752.5  | 7 | 8.5 | 6 (B)       |
| SRX.90.60.30   | 865           | 970  | 852.5  | 565  | 670  | 552.5  | 7 | 8.5 | 6 (B)       |
| SRX.100.80.30  | 965           | 1070 | 952.5  | 765  | 870  | 752.5  | 7 | 8.5 | 6 (B)       |
| SRX.120.120.30 | 1165          | 1270 | 1152.5 | 1165 | 1270 | 1152.5 | 7 | 8.5 | 6 (B)       |
| SRX.130.80.30  | 1265          | 1370 | 1252.5 | 765  | 870  | 752.5  | 7 | 8.5 | 6 (B)       |

screws qty.: Quantity of screws for direct mounting

(A) = fixed mounting brackets

(B) = optional mounting brackets enclosed

#### Terminal Configurations with Standard Terminals

| Type           | DIN-Rails vertical |                             |                    |                 | DIN-Rails horizontal |                             |                    |                 | Terminal type | Terminal capacity [mm <sup>2</sup> ] |
|----------------|--------------------|-----------------------------|--------------------|-----------------|----------------------|-----------------------------|--------------------|-----------------|---------------|--------------------------------------|
|                | Number of rails    | Usable length per rail [mm] | Terminals per rail | Terminals total | Number of rails      | Usable length per rail [mm] | Terminals per rail | Terminals total |               |                                      |
| SRS.10.11.09   | 1                  | 34                          | 6                  | 6               | -                    | -                           | -                  | -               | WDU           | 2.5                                  |
| SRS.11.14.09   | 1                  | 75                          | 14                 | 14              | -                    | -                           | -                  | -               | WDU           | 2.5                                  |
| SRS.11.18.09   | 1                  | 140                         | 27                 | 27              | -                    | -                           | -                  | -               | WDU           | 2.5                                  |
| SRS.11.22.09   | 1                  | 140                         | 27                 | 27              | -                    | -                           | -                  | -               | WDU           | 2.5                                  |
| SRS.15.15.09   | 1                  | 110                         | 21                 | 21              | 1                    | 110                         | 21                 | 21              | WDU           | 2.5                                  |
| SRS.15.19.09   | 1                  | 110                         | 21                 | 21              | 1                    | 150                         | 29                 | 29              | WDU           | 2.5                                  |
| SRS.19.19.10   | 1                  | 150                         | 29                 | 29              | 1                    | 150                         | 29                 | 29              | WDU           | 2.5                                  |
| SRM.19.38.16   | 3                  | 110                         | 21                 | 63              | 1                    | 300                         | 58                 | 58              | WDU           | 2.5                                  |
| SRM.23.30.16   | 2                  | 150                         | 29                 | 58              | 1                    | 220                         | 43                 | 43              | WDU           | 2.5                                  |
| SRM.26.26.09   | 2                  | 180                         | 35                 | 70              | 2                    | 180                         | 35                 | 70              | WDU           | 2.5                                  |
| SRM.26.26.16   | 2                  | 180                         | 35                 | 70              | 2                    | 180                         | 35                 | 70              | WDU           | 2.5                                  |
| SRM.26.26.22   | 2                  | 180                         | 35                 | 70              | 2                    | 180                         | 35                 | 70              | WDU           | 2.5                                  |
| SRM.31.31.09   | 2                  | 230                         | 45                 | 90              | 2                    | 230                         | 45                 | 90              | WDU           | 2.5                                  |
| SRM.31.31.16   | 2                  | 230                         | 45                 | 90              | 2                    | 230                         | 45                 | 90              | WDU           | 2.5                                  |
| SRM.31.31.22   | 2                  | 230                         | 45                 | 90              | 2                    | 230                         | 45                 | 90              | WDU           | 2.5                                  |
| SRM.38.38.16   | 3                  | 300                         | 58                 | 174             | 3                    | 300                         | 58                 | 174             | WDU           | 2.5                                  |
| SRM.38.38.22   | 3                  | 300                         | 58                 | 174             | 3                    | 300                         | 58                 | 174             | WDU           | 2.5                                  |
| SRM.38.48.09   | 4                  | 300                         | 58                 | 232             | 3                    | 400                         | 78                 | 234             | WDU           | 2.5                                  |
| SRM.38.48.16   | 4                  | 300                         | 58                 | 232             | 3                    | 400                         | 78                 | 234             | WDU           | 2.5                                  |
| SRM.38.48.22   | 4                  | 300                         | 58                 | 232             | 3                    | 400                         | 78                 | 234             | WDU           | 2.5                                  |
| SRL.38.76.16   | 6                  | 300                         | 58                 | 348             | 3                    | 680                         | 133                | 399             | WDU           | 2.5                                  |
| SRL.40.60.22   | 5                  | 320                         | 62                 | 310             | 3                    | 520                         | 101                | 303             | WDU           | 2.5                                  |
| SRL.48.48.16   | 4                  | 400                         | 78                 | 312             | 4                    | 400                         | 78                 | 312             | WDU           | 2.5                                  |
| SRL.48.48.22   | 4                  | 400                         | 78                 | 312             | 4                    | 400                         | 78                 | 312             | WDU           | 2.5                                  |
| SRL.48.76.16   | 6                  | 400                         | 78                 | 468             | 4                    | 680                         | 133                | 532             | WDU           | 2.5                                  |
| SRL.48.76.22   | 6                  | 400                         | 78                 | 468             | 4                    | 680                         | 133                | 532             | WDU           | 2.5                                  |
| SRL.60.60.26   | 5                  | 520                         | 101                | 505             | 5                    | 520                         | 101                | 505             | WDU           | 2.5                                  |
| SRX.80.80.30   | 6                  | 720                         | 141                | 846             | 6                    | 720                         | 141                | 846             | WDU           | 2.5                                  |
| SRX.90.60.30   | 5                  | 820                         | 160                | 800             | 7                    | 520                         | 101                | 707             | WDU           | 2.5                                  |
| SRX.100.80.30  | 6                  | 920                         | 160                | 960             | 8                    | 720                         | 141                | 1128            | WDU           | 2.5                                  |
| SRX.120.120.30 | 10                 | 1120                        | 219                | 2190            | 10                   | 1120                        | 219                | 2190            | WDU           | 2.5                                  |
| SRX.130.80.30  | 6                  | 1120                        | 239                | 1434            | 10                   | 720                         | 141                | 1410            | WDU           | 2.5                                  |

For other terminal types and terminal capacities please contact Pepperl+Fuchs

#### Cable Entries max. Quantity per Size

| Type         | Cable entry area   |                    | Faces A and B |     |     |     | Faces C and D |     |     |     |
|--------------|--------------------|--------------------|---------------|-----|-----|-----|---------------|-----|-----|-----|
|              | Faces A and B [mm] | Faces C and D [mm] | M16           | M20 | M25 | M32 | M16           | M20 | M25 | M32 |
| SRS.10.11.09 | 100 x 60           | 86 x 60            | 4             | 3   | 2   | 1   | 2             | 1   | 1   | -   |
| SRS.11.14.09 | 126 x 60           | 100 x 60           | 5             | 4   | 2   | 1   | 4             | 3   | 2   | 1   |
| SRS.11.18.09 | 166 x 60           | 100 x 60           | 4             | 3   | 2   | 1   | 9             | 7   | 3   | 2   |
| SRS.11.22.09 | 206 x 60           | 100 x 60           | 4             | 3   | 2   | 1   | 12            | 9   | 5   | 3   |
| SRS.15.15.09 | 140 x 65           | 140 x 65           | 8             | 6   | 3   | 2   | 7             | 5   | 3   | 2   |
| SRS.15.19.09 | 180 x 65           | 140 x 65           | 10            | 8   | 5   | 3   | 7             | 5   | 3   | 2   |
| SRS.19.19.10 | 180 x 75           | 180 x 75           | 13            | 8   | 7   | 3   | 13            | 7   | 6   | 2   |
| SRM.19.38.16 | 320 x 128          | 130 x 128          | 14            | 11  | 7   | 3   | 42            | 34  | 23  | 11  |
| SRM.23.30.16 | 240 x 128          | 170 x 128          | 17            | 12  | 7   | 5   | 28            | 24  | 15  | 7   |
| SRM.26.26.09 | 210 x 55           | 210 x 55           | 7             | 6   | 5   | 4   | 7             | 5   | 5   | 3   |

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group  
www.pepperl-fuchs.com

USA: +1 330 486 0002  
pa-info@us.pepperl-fuchs.com

Germany: +49 621 776 2222  
pa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091  
pa-info@sg.pepperl-fuchs.com

 PEPPERL+FUCHS

| Type           | Cable entry area   |                    | Faces A and B |     |     |     | Faces C and D |     |     |     |
|----------------|--------------------|--------------------|---------------|-----|-----|-----|---------------|-----|-----|-----|
|                | Faces A and B [mm] | Faces C and D [mm] | M16           | M20 | M25 | M32 | M16           | M20 | M25 | M32 |
| SRM.26.26.16   | 210 x 88           | 160 x 88           | 26            | 20  | 14  | 6   | 26            | 20  | 14  | 6   |
| SRM.26.26.22   | 210 x 148          | 160 x 148          | 45            | 31  | 21  | 8   | 45            | 31  | 21  | 7   |
| SRM.31.31.09   | 260 x 55           | 260 x 55           | 8             | 6   | 5   | 5   | 8             | 6   | 5   | 4   |
| SRM.31.31.16   | 300 x 128          | 250 x 128          | 34            | 26  | 17  | 7   | 34            | 26  | 17  | 7   |
| SRM.31.31.22   | 300 x 188          | 250 x 188          | 58            | 39  | 26  | 12  | 58            | 39  | 26  | 12  |
| SRM.38.38.16   | 370 x 128          | 320 x 128          | 42            | 34  | 23  | 11  | 42            | 34  | 23  | 11  |
| SRM.38.38.22   | 370 x 188          | 320 x 188          | 72            | 49  | 36  | 16  | 72            | 49  | 36  | 15  |
| SRM.38.48.09   | 420 x 55           | 320 x 55           | 10            | 7   | 6   | 8   | 9             | 7   | 6   | 6   |
| SRM.38.48.16   | 420 x 128          | 320 x 128          | 54            | 45  | 27  | 13  | 42            | 34  | 23  | 11  |
| SRM.38.48.22   | 420 x 188          | 320 x 188          | 101           | 72  | 48  | 21  | 72            | 49  | 36  | 16  |
| SRL.38.76.16   | 700 x 128          | 320 x 128          | 42            | 34  | 23  | 11  | 96            | 76  | 49  | 24  |
| SRL.40.60.22   | 540 x 188          | 340 x 188          | 77            | 55  | 37  | 17  | 135           | 91  | 66  | 27  |
| SRL.48.48.16   | 470 x 128          | 420 x 128          | 54            | 45  | 27  | 13  | 54            | 45  | 27  | 13  |
| SRL.48.48.22   | 470 x 188          | 420 x 188          | 101           | 72  | 48  | 21  | 101           | 72  | 48  | 21  |
| SRL.48.76.16   | 700 x 128          | 420 x 128          | 96            | 76  | 49  | 25  | 54            | 45  | 27  | 13  |
| SRL.48.76.22   | 700 x 188          | 420 x 188          | 169           | 120 | 82  | 37  | 101           | 72  | 48  | 21  |
| SRL.60.60.26   | 590 x 228          | 540 x 228          | 135           | 92  | 66  | 29  | 135           | 92  | 66  | 29  |
| SRX.80.80.30   | 790 x 268          | 740 x 268          | 183           | 128 | 90  | 38  | 183           | 128 | 90  | 38  |
| SRX.90.60.30   | 590 x 268          | 840 x 268          | 135           | 92  | 66  | 29  | 209           | 134 | 100 | 44  |
| SRX.100.80.30  | 790 x 268          | 940 x 268          | 183           | 128 | 90  | 38  | 234           | 162 | 115 | 50  |
| SRX.120.120.30 | 1190 x 268         | 1140 x 268         | 283           | 197 | 138 | 59  | 283           | 197 | 138 | 59  |
| SRX.130.80.30  | 790 x 268          | 1240 x 268         | 183           | 128 | 90  | 38  | 311           | 213 | 148 | 64  |

Cable gland standard type: polyamide Ex e cable glands

For other types of cable glands and combinations of different gland sizes please contact Pepperl+Fuchs

## Technical Data

### Electrical specifications

|                   |  |
|-------------------|--|
| Operating voltage | 1100 V AC / DC max. for ATEX / IECEx<br>1000 V AC / DC max. for North American approvals |
| Operating current | 350 A max. , depending on size and certification   |

### Mechanical specifications

|                              |  |
|------------------------------|--|
| Enclosure cover              | fully detachable   |
| Cover fixing                 | stainless steel A4 (V4A) hexagonal head screws , optional quarter-turn key locks   |
| Cover seal                   | silicone   |
| Degree of protection         | IP66 , Type 4X   |
| Cable entry                  | see data table   |
| Gland plate on face(s)       | optional   |
| Terminal assembly            |  |
| Number of rails              | see data table   |
| Terminal type                | Standard see PDF datasheet, other terminal types optional  |
| Number of terminals per rail | see data table   |
| Material                     |  |
| Enclosure                    | 1.5 mm AISI 316L, (1.4404) stainless steel   |
| Gland plate                  | optional 3 mm or 6 mm AISI 316L (1.4404) stainless steel   |
| Finish                       | brushed  |
| Mass                         | see data table<br>valid for empty enclosure, will increase according to integrated components  |
| Shock resistance             | IK09, IK10   |
| Dimensions                   | see data table   |
| Mounting                     | screws , optional mounting brackets enclosed   |
| Grounding                    | M6 internal/external brass nickel-plated grounding bolt<br>M6 internal stainless steel grounding bolt welded to lid<br>M6 internal stainless steel grounding bolt welded to enclosure body |

### Ambient conditions

|                     |  |
|---------------------|--|
| Ambient temperature | -60 ... 120 °C (-76 ... 248 °F) depending on integrated components |
|---------------------|--|

### Data for application in connection with hazardous areas

|                                 |                   |
|---------------------------------|-------------------|
| EU-type examination certificate | CML 20 ATEX 3118U |
|---------------------------------|-------------------|

## Technical Data

|                                |   |
|--------------------------------|---|
| Marking                        | Ⓢ II 2 GD<br>Ex eb IIC Gb<br>Ex tb IIIC Db  |
| <b>International approvals</b> |   |
| UL approval                    |   |
| Approved for                   | Class I and II, Division 2<br>Class I, Zone 2, Class II, Zone 22  |
| cULus                          | E499269   |
| Ambient temperature            | -25 ... 40 °C (-13 ... 104 °F)  |
| IECEx approval                 | IECEx CML 20.0076U  |
| UKCA approval                  | CML 21 UKEX 3423U   |
| CCC approval                   | 2023122303116185  |
| <b>Conformity</b>              |   |
| Degree of protection           | EN60529 or UL 50 / UL50E / CSA 22.2 No. 94  |
| Shock resistance               | EN IEC 62262  |
| <b>General information</b>     |   |
| Ordering information           | This device will be delivered completely configured and assembled ready for use. For configuration details please contact Customer Service.   |
| Supplementary information      | EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable. For information see <a href="http://www.pepperl-fuchs.com">www.pepperl-fuchs.com</a> .  |
| <b>Accessories</b>             |   |
| Optional accessories           | Mounting plate<br>M6 internal/external stainless steel grounding bolt<br>cover hinges stainless steel AISI 316L<br>gland plate 3 mm AISI 316L (1.4404) stainless steel<br>gland plate 6 mm AISI 316L (1.4404) stainless steel<br>M6 internal stainless steel grounding bolt welded to bottom gland plate<br>quarter-turn key locks stainless steel A4 (V4A)<br>engraved traffolyte tag label<br>engraved AISI 316L stainless steel tag label<br>color in-fill stainless steel tag label<br>cover padlock facility |

## Type Code

| 1  | 2 | 3 | 4   | 5 | 6  | 7 | 8  | 9 | 10 | 11 |   |   |   |   |    |   |    |   |   |
|----|---|---|-----|---|----|---|----|---|----|----|---|---|---|---|----|---|----|---|---|
| SR | * | . | *** | . | ** | . | ** | . | ** | .  | * | . | * | . | ** | . | ** | . | * |
| SR | M | . | SB2 | . | 26 | . | 26 | . | 16 | .  | B | . | 1 | . | FS | . | HL | . | H |

Example: SRM.SB2.26.26.16.B.1.FS.HL.H

Enclosure stainless steel, medium size 26x26x16 cm, landscape orientation with face B and one flange plate at bottom, cover screws, hinges left side, security hasp

|          |  |
|----------|--|
| <b>1</b> | <b>Enclosure type</b>                                |
| SR       | stainless steel                                      |
| <b>2</b> | <b>Enclosure size</b>                                |
| S        | small  |
| M        | medium   |
| L        | large  |
| X        | extra large  |
| <b>3</b> | <b>Material</b>                                      |
| SB2      | stainless steel AISI 316L, brushed, 1.5 mm thickness |
| <b>4</b> | <b>Height [cm]</b>                                   |
| n        | see dimensions data table                            |
| <b>5</b> | <b>Width [cm]</b>                                    |
| n        | see dimensions data table                            |
| <b>6</b> | <b>Depth [cm]</b>                                    |
| n        | see dimensions data table                            |
| <b>7</b> | <b>Cable entry face orientation</b>                  |
| B        | face [B] at bottom                                   |

Release date: 2023-10-23 Date of issue: 2023-10-23 Filename: t202985\_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group  
www.pepperl-fuchs.com

USA: +1 330 486 0002  
pa-info@us.pepperl-fuchs.com

Germany: +49 621 776 2222  
pa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091  
pa-info@sg.pepperl-fuchs.com

 **PEPPERL+FUCHS**

## Type Code

| 7                                   |  |
|-------------------------------------|--|
| <b>Cable entry face orientation</b> |  |
| D                                   | face [D] at bottom                                   |
| 8                                   |  |
| <b>Gland plates</b>                 |  |
| 0                                   | none   |
| 1                                   | one gland plate at bottom face                       |
| 2                                   | two gland plates, top and bottom face each           |
| 3                                   | three gland plates, bottom, left and right face each |
| 4                                   | four gland plates                                    |
| 9                                   |  |
| <b>Cover fixing</b>                 |  |
| FS                                  | fixing screws  |
| KL                                  | quarter turn key locks                               |
| 10                                  |  |
| <b>Hinges</b>                       |  |
| HX                                  | no hinges  |
| HL                                  | hinges on left side                                  |
| HR                                  | hinges on right side                                 |
| 11                                  |  |
| <b>Security hasp</b>                |  |
|                                     | no hasp  |
| H                                   | hasp opposite of hinges                              |