



### Zastosowanie Application



Złączki proste typu M..SR z gwintem metalowym posiadają uszczelkę dławicą dobraćą do średnicy kabla. Złączki te oferują wysoką wytrzymałość na rozciąganie oraz zapewniają ochronę przed pyłami i cieczami (IP68) zarówno dla rury jak i dla kabla.

Gwint metalowy zapewnia skuteczne połączenie, które można trwale zabezpieczyć przy użyciu standardowych klejów do gwintów.

Zalecane dla zastosowań o podwyższonych wymaganiach w przemyśle ciężkim i kolejowym.

**Zakres temperatur:** -40°C +105°C

**Krótkotrwałe:** +150°C

Straight relief fittings, type SR with metal threads including cable gland inserts. These fittings offer remarkable strain relief of pulling forces and also provide complementary liquid (IP68) and air seal-tightness at the cable and the conduit itself.

Metal thread ensure best possible thread connection strength and can also be efficiently and durably secured with standard adhesives.

Recommended for increased requirements in heavy industry and railway applications.

**Temperature Range:** -40°C +105°C

**Short term:** +150°C

### Złączka prosta z dławnicą metalowy gwint męski PG

| Kod<br>IP68-IP69K | F<br>Gwint<br>PG | Dla<br>rury<br>NW | Średnica<br>metryczna<br>rury | Ø kabla<br>mm<br>Min - Max | Kolor<br>uszczelki           | Kod<br>uszczelki | A<br>mm | B<br>mm | L<br>mm | OD1<br>mm | OD2<br>mm | OD3<br>mm | SP1<br>mm | SP2<br>mm | Opakowa-<br>nie<br>standard |
|-------------------|------------------|-------------------|-------------------------------|----------------------------|------------------------------|------------------|---------|---------|---------|-----------|-----------|-----------|-----------|-----------|-----------------------------|
| M8BSR07P0707      | 7                | 7                 | 10                            | 4 - 6,5                    | Żółty - Yellow               | GPRO0707         | 5,0     | 7,0     | 46,5    | 17        | 19        | 16,5      | 17        | 15        | 100                         |
| M8BSR10P0907      | 9                | 10                | 12                            | 4 - 6,5                    | Żółty - Yellow               | GPRO0907         | 6,0     | 9,7     | 49,4    | 20        | 22        | 19        | 20        | 17        | 50                          |
| M8BSR10P0908      |                  |                   |                               | 5 - 8                      | Szary - Grey                 | GPRO0908         |         |         |         |           |           |           |           |           |                             |
| M8BSR10P0909      | 11               | 12                | 16                            | 6,5 - 9,5                  | Czarny - Black               | GPRO0909         | 6,0     | 10,7    | 53,15   | 24        | 27        | 22        | 24        | 20        | 50                          |
| M8BSR12P1107      |                  |                   |                               | 4 - 6,5                    | Żółty - Yellow               | GPRO1107         |         |         |         |           |           |           |           |           |                             |
| M8BSR12P1108      | 11               | 12                | 16                            | 5 - 8                      | Szary - Grey                 | GPRO1108         | 6,0     | 10,7    | 53,15   | 24        | 27        | 22        | 24        | 20        | 50                          |
| M8BSR12P1109      |                  |                   |                               | 6,5 - 9,5                  | Czarny - Black               | GPRO1109         |         |         |         |           |           |           |           |           |                             |
| M8BSR12P1111      |                  |                   |                               | 7 - 10,5                   | Zielony - Green              | GPRO1111         |         |         |         |           |           |           |           |           |                             |
| M8BSR17P1307      | 13,5             | 17                | 20                            | 4 - 6,5                    | Żółty - Yellow               | GPRO1307         | 6,5     | 14,5    | 54,85   | 30        | 29        | 24        | 26        | 22        | 50                          |
| M8BSR17P1308      |                  |                   |                               | 5 - 8                      | Szary - Grey                 | GPRO1308         |         |         |         |           |           |           |           |           |                             |
| M8BSR17P1309      |                  |                   |                               | 6,5 - 9,5                  | Czarny - Black               | GPRO1309         |         |         |         |           |           |           |           |           |                             |
| M8BSR17P1311      |                  |                   |                               | 7 - 10,5                   | Zielony - Green              | GPRO1311         |         |         |         |           |           |           |           |           |                             |
| M8BSR17P1313      | 16               | 17                | 20                            | 9 - 13                     | Czerwony - Red               | GPRO1313         | 6,5     | 16,0    | 54,85   | 30        | 30        | 26,5      | 27        | 24        | 50                          |
| M8BSR17P1607      |                  |                   |                               | 4 - 6,5                    | Żółty - Yellow               | GPRO1607         |         |         |         |           |           |           |           |           |                             |
| M8BSR17P1608      |                  |                   |                               | 5 - 8                      | Szary - Grey                 | GPRO1608         |         |         |         |           |           |           |           |           |                             |
| M8BSR17P1609      |                  |                   |                               | 6,5 - 9,5                  | Czarny - Black               | GPRO1609         |         |         |         |           |           |           |           |           |                             |
| M8BSR17P1611      |                  |                   |                               | 7 - 10,5                   | Zielony - Green              | GPRO1611         |         |         |         |           |           |           |           |           |                             |
| M8BSR17P1613      | 21               | 23                | 25                            | 9 - 13                     | Czerwony - Red               | GPRO1613         | 7,5     | 21,2    | 69,0    | 38        | 38        | 32        | 34        | 30        | 30                          |
| M8BSR17P1616      |                  |                   |                               | 11,5 - 15,5                | Biały - White                | GPRO1616         |         |         |         |           |           |           |           |           |                             |
| M8BSR23P2111      |                  |                   |                               | 7 - 10,5                   | Zielony - Green              | GPRO2111         |         |         |         |           |           |           |           |           |                             |
| M8BSR23P2113      | 29               | 29                | 32                            | 9 - 13                     | Czerwony - Red               | GPRO2113         | 9,25    | 28,5    | 73,25   | 45,5      | 46        | 43        | 42        | 40        | 20                          |
| M8BSR23P2116      |                  |                   |                               | 11,5 - 15,5                | Biały - White                | GPRO2116         |         |         |         |           |           |           |           |           |                             |
| M8BSR23P2118      |                  |                   |                               | 14 - 18                    | Niebieski - Niebieskie       | GPRO2118         |         |         |         |           |           |           |           |           |                             |
| M8BSR23P2120      |                  |                   |                               | 17 - 20,5                  | Brązowy - Brown              | GPRO2120         |         |         |         |           |           |           |           |           |                             |
| M8BSR29P2916      | 36               | 36                | 40                            | 11,5 - 15,5                | Biały - White                | GPRO2916         | 9,0     | 37,5    | 82,0    | 57        | 61        | 55        | 55        | 50        | 20                          |
| M8BSR29P2918      |                  |                   |                               | 14 - 18                    | Niebieski - Blue             | GPRO2918         |         |         |         |           |           |           |           |           |                             |
| M8BSR29P2920      |                  |                   |                               | 17 - 20,5                  | Brązowy - Brown              | GPRO2920         |         |         |         |           |           |           |           |           |                             |
| M8BSR29P2925      |                  |                   |                               | 20 - 25                    | Pomarańczowy - Orange        | GPRO2925         |         |         |         |           |           |           |           |           |                             |
| M8BSR29P2928      |                  |                   |                               | 24 - 28                    | Jasno żółty - Light yellow   | GPRO2928         |         |         |         |           |           |           |           |           |                             |
| M8BSR36P3632      | 48               | 48                | 50                            | 27 - 32                    | Antracyt - Anthracite        | GPRO3632         | 9       | 37,5    | 88,5    | 68        | 61        | 55        | 55        | 50        | 10                          |
| M8BSR36P3634      |                  |                   |                               | 29 - 34                    | Jasno niebieski - Light blue | GPRO3634         |         |         |         |           |           |           |           |           |                             |
| M8BSR36P3636      |                  |                   |                               | 32 - 36                    | Różowy - Pink                | GPRO3636         |         |         |         |           |           |           |           |           |                             |
| M8BSR48P3632      | 48               | 48                | 50                            | 27 - 32                    | Antracyt - Anthracite        | GPRO3632         | 10,0    | 47,0    | 93,5    | 68        | 76        | 70        | 70        | 64        | 10                          |
| M8BSR48P3634      |                  |                   |                               | 29 - 34                    | Jasno niebieski - Light blue | GPRO3634         |         |         |         |           |           |           |           |           |                             |
| M8BSR48P3636      |                  |                   |                               | 32 - 36                    | Różowy - Pink                | GPRO3636         |         |         |         |           |           |           |           |           |                             |
| M8BSR48P4844      | 48               | 48                | 50                            | 39 - 44                    | Biały - White                | GPRO4844         | 10,0    | 47,0    | 93,5    | 68        | 76        | 70        | 70        | 64        | 10                          |

## Złączka prosta z dławnicą metalowy gwint męski metryczny ISO

| Kod IP68-IP69K | F Gwint metryczny | Długość rury NW | Średnica metryczna rury | Ø kabla mm Min - Max         | Kolor uszczelki       | Kod uszczelki | A mm | B mm | L mm  | OD1 mm | OD2 mm | OD3 mm | SP1 mm | SP2 mm | Opakowanie standard |
|----------------|-------------------|-----------------|-------------------------|------------------------------|-----------------------|---------------|------|------|-------|--------|--------|--------|--------|--------|---------------------|
| M8BSR07M1207   | M 12x1,5          | 7               | 10                      | 4 - 6,5                      | Żółty - Yellow        | GPA0007       | 5    | 7    | 46,5  | 17     | 19     | 16,5   | 17     | 15     | 50                  |
| M8BSR10M1607   | M 16x1,5          | 10              | 12                      | 4 - 6,5                      | Żółty - Yellow        | GPR00907      | 8    | 10,6 | 50,9  | 20     | 22     | 21     | 20     | 19     | 50                  |
| 5 - 8          |                   |                 |                         | Szary - Grey                 | GPR00908              |               |      |      |       |        |        |        |        |        |                     |
| 6,5 - 9,5      |                   |                 |                         | Czarny - Black               | GPR00909              |               |      |      |       |        |        |        |        |        |                     |
| M8BSR12M1611   | M 16x1,5          | 12              | 16                      | 7 - 10,5                     | Zielony - Green       | GPA0611       | 6    | 8,5  | 53,15 | 24     | 27     | 22     | 24     | 20     | 50                  |
| M8BSR12M2007   | M 20x1,5          | 12              | 16                      | 4 - 6,5                      | Żółty - Yellow        | GPR01107      | 8    | 13   | 55,15 | 24     | 27     | 24     | 24     | 22     | 50                  |
| 5 - 8          |                   |                 |                         | Szary - Grey                 | GPR01108              |               |      |      |       |        |        |        |        |        |                     |
| 6,5 - 9,5      |                   |                 |                         | Czarny - Black               | GPR01109              |               |      |      |       |        |        |        |        |        |                     |
| 7 - 10,5       |                   |                 |                         | Zielony - Green              | GPR01111              |               |      |      |       |        |        |        |        |        |                     |
| M8BSR17M2007   | M 20x1,5          | 17              | 20                      | 4 - 6,5                      | Żółty - Yellow        | GPR01307      | 8    | 14,5 | 56,35 | 30     | 29     | 24     | 26     | 22     | 50                  |
| 5 - 8          |                   |                 |                         | Szary - Grey                 | GPR01308              |               |      |      |       |        |        |        |        |        |                     |
| 6,5 - 9,5      |                   |                 |                         | Czarny - Black               | GPR01309              |               |      |      |       |        |        |        |        |        |                     |
| 7 - 10,5       |                   |                 |                         | Zielony - Green              | GPR01311              |               |      |      |       |        |        |        |        |        |                     |
| 9 - 13         |                   |                 |                         | Czerwony - Red               | GPR01313              |               |      |      |       |        |        |        |        |        |                     |
| M8BSR17M2507   | M 25x1,5          | 17              | 20                      | 4 - 6,5                      | Żółty - Yellow        | GPR01607      | 9    | 16   | 57,35 | 30     | 30     | 30     | 27     | 28     | 50                  |
| 5 - 8          |                   |                 |                         | Szary - Grey                 | GPR01608              |               |      |      |       |        |        |        |        |        |                     |
| 6,5 - 9,5      |                   |                 |                         | Czarny - Black               | GPR01609              |               |      |      |       |        |        |        |        |        |                     |
| 7 - 10,5       |                   |                 |                         | Zielony - Green              | GPR01611              |               |      |      |       |        |        |        |        |        |                     |
| 9 - 13         |                   |                 |                         | Czerwony - Red               | GPR01613              |               |      |      |       |        |        |        |        |        |                     |
| 11,5 - 15,5    |                   |                 |                         | Biały - White                | GPR01616              |               |      |      |       |        |        |        |        |        |                     |
| M8BSR23M2513   | M 25x1,5          | 23              | 25                      | 9 - 13                       | Czerwony - Red        | GPA0313       | 9    | 20,5 | 70,5  | 38     | 38     | 33     | 34     | 30     | 30                  |
| 11,5 - 15,5    |                   |                 |                         | Biały - White                | GPA0316               |               |      |      |       |        |        |        |        |        |                     |
| 14 - 18        |                   |                 |                         | Niebieski - Niebieskie       | GPA0318               |               |      |      |       |        |        |        |        |        |                     |
| 17 - 20,5      |                   |                 |                         | Brązowy - Brown              | GPA0320               |               |      |      |       |        |        |        |        |        |                     |
| M8BSR23M3211   | M 32x1,5          | 23              | 25                      | 7 - 10,5                     | Zielony - Green       | GPR02111      | 10   | 22   | 71,5  | 38     | 38     | 37,5   | 34     | 35     | 30                  |
| 9 - 13         |                   |                 |                         | Czerwony - Red               | GPR02113              |               |      |      |       |        |        |        |        |        |                     |
| 11,5 - 15,5    |                   |                 |                         | Biały - White                | GPR02116              |               |      |      |       |        |        |        |        |        |                     |
| 14 - 18        |                   |                 |                         | Niebieski - Niebieskie       | GPR02118              |               |      |      |       |        |        |        |        |        |                     |
| 17 - 20,5      |                   |                 |                         | Brązowy - Brown              | GPR02120              |               |      |      |       |        |        |        |        |        |                     |
| M8BSR29M3225   | M 32x1,5          | 29              | 32                      | 20 - 25                      | Pomarańczowy - Orange | GPA0725       | 10   | 26   | 74,5  | 45,5   | 46     | 43     | 42     | 40     | 20                  |
| M8BSR29M4016   | M 40x1,5          | 29              | 32                      | 11,5 - 15,5                  | Biały - White         | GPR02916      | 10   | 29   | 73,5  | 45,5   | 46     | 47     | 42     | 42     | 20                  |
| 14 - 18        |                   |                 |                         | Niebieski - Niebieskie       | GPR02918              |               |      |      |       |        |        |        |        |        |                     |
| 17 - 20,5      |                   |                 |                         | Brązowy - Brown              | GPR02920              |               |      |      |       |        |        |        |        |        |                     |
| 20 - 25        |                   |                 |                         | Pomarańczowy - Orange        | GPR02925              |               |      |      |       |        |        |        |        |        |                     |
| 24 - 28        |                   |                 |                         | Jasno żółty - Light yellow   | GPR02928              |               |      |      |       |        |        |        |        |        |                     |
| M8BSR36M4032   | M 40x1,5          | 36              | 40                      | 27 - 32                      | Antracyt - Anthracite | GPA0532       | 8,5  | 34   | 81,5  | 57     | 61     | 55     | 55     | 50     | 20                  |
| 29 - 34        |                   |                 |                         | Jasno niebieski - Light blue | GPA0534               |               |      |      |       |        |        |        |        |        |                     |
| M8BSR36M5032   | M 50x1,5          | 36              | 40                      | 27 - 32                      | Antracyt - Anthracite | GPR03632      | 12   | 37,5 | 85    | 57     | 61     | 57     | 55     | 52     | 20                  |
| 29 - 34        |                   |                 |                         | Jasno niebieski - Light blue | GPR03634              |               |      |      |       |        |        |        |        |        |                     |
| 32 - 36        |                   |                 |                         | Różowy - Pink                | GPR03636              |               |      |      |       |        |        |        |        |        |                     |
| M8BSR48M4032   | M 40x1,5          | 48              | 50                      | 27 - 32                      | Antracyt - Anthracite | GPA0532       | 8,5  | 34   | 88    | 68     | 61     | 55     | 55     | 50     | 10                  |
| 29 - 34        |                   |                 |                         | Jasno niebieski - Light blue | GPA0534               |               |      |      |       |        |        |        |        |        |                     |
| M8BSR48M5032   | M 50x1,5          | 48              | 50                      | 27 - 32                      | Antracyt - Anthracite | GPR03632      | 12   | 37,5 | 91,5  | 68     | 61     | 57     | 55     | 52     | 10                  |
| 29 - 34        |                   |                 |                         | Jasno niebieski - Light blue | GPR03634              |               |      |      |       |        |        |        |        |        |                     |
| 32 - 36        |                   |                 |                         | Różowy - Pink                | GPR03636              |               |      |      |       |        |        |        |        |        |                     |
| M8BSR48M6344   | M 63x1,5          | 48              | 50                      | 39 - 44                      | Biały - White         | GPR04844      | 10   | 47   | 93,5  | 68     | 76     | 70     | 70     | 64     | 10                  |

Type IP68-IP69K



## Straight fitting with strain relief ISO Metric METAL thread

Przykład zamówienia / Order example: **M8BSR17M2011****M** Gwint metalowy - Reinforced metal thread**8** Stopień ochrony: IP68/IP69K statyczny / IP67 dynamiczny  
IP Rating: IP68/IP69K static / IP67 dynamic**B** Kolor - Colour**SR** Kod serii - Family type**17** Średnica nominalna rury - Nominal width**M** Typ gwintu: metryczny ISO - Thread type: ISO Metric**20** Wymiar gwintu - Thread dimension**11** Średnica kabla - Cable diameterKOD QR: instrukcja montażu  
QR CODE: assembly instructions