

# RACCORDI SEM FAST NW

# SCHEDA TECNICA

**SEM FAST**  
diritto

**SEM FAST**  
straight



**Materiale:**  
Poliamide 6

**Temperatura d'impiego:**  
-40°C - 120°C

**Inflammabilità:**  
• Sec. FMVSS 302: < 100 mm/min

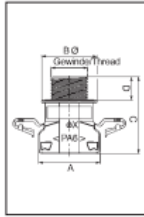
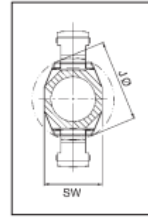
**Colori/Modelli:**  
• Nero, grigio  
• Filetto maschio PG/metrico

**Caratteristiche:**  
• Serraggio conico sul tubo  
• Anelli di guarnizione sulla battuta del filetto  
• Speciale sistema click in

• Bloccaggio del tubo molto semplice: basta solo inserire il tubo nel raccordo  
• Il tubo può ruotare una volta inserito nel raccordo  
• Alta resistenza alla trazione  
• Privo di alogeni

**Accessori:**  
• Guarnizione O Ring

**Applicazioni:**  
• Utilizzabile con profili: normale, UFW  
• Macchinari e apparecchiature  
• Navale, ferroviario  
• Veicoli industriali  
• Quadri elettrici



**Materiale:**  
Poliamide 6

**Temperature range:**  
-40°C to 120°C

**Inflammabilità:**  
• Acc. to FMVSS 302: < 100 mm/min.

**Colour(s)/Designs:**  
• Black, grey  
• External thread: metric/PG

**Characteristics:**  
• Conical sealing on corrugated tube  
• Thread sealing by sealing bars  
• Special click-in system

• Easy and tight assembly:  
Insert tube in the „closed“ gland  
• Tube is turnable within the gland  
• High tensile strength  
• Free of halogen

**Accessories:**  
• O-Ring sealing

**Applications:**  
• Suitable for profiles: normal, UFW  
• Machine- and apparatus engineering  
• Ship- and trainbuilding  
• Vehicle industries  
• Switch cabinets

| filetto esterno       | adatto con NW | SW mm | A mm | B Ø mm | C mm | D mm | Int.Lutite I Ø mm | J Ø mm | Art.-Nr. nero  | Art.-Nr. grigio | VE imballo | VE pro imballo (=9er cart.) |
|-----------------------|---------------|-------|------|--------|------|------|-------------------|--------|----------------|-----------------|------------|-----------------------------|
| External Thread       | for NW        | SW mm | A mm | B Ø mm | C mm | D mm | smallest I Ø mm   | J Ø mm | Art.-No. black | Art.-No. grey   | PU pcs.    | PU per covering box pcs.    |
| <b>PG/PG</b>          |               |       |      |        |      |      |                   |        |                |                 |            |                             |
| PG 7                  | 7,5           | 14,0  | 19,0 | 18,0   | 34,0 | 11,0 | 7,5               | 21,0   | 3805028        | 3805128         | 50         | 3200                        |
| PG 7                  | 8,5           | 16,0  | 20,6 | 20,0   | 35,0 | 11,0 | 7,5               | 23,0   | 3805012        | 3805112         | 50         | 3200                        |
| PG 7                  | 10            | 17,0  | 21,6 | 22,0   | 36,0 | 12,0 | 9,0               | 24,5   | 3805024        | 3805124         | 50         | 1800                        |
| PG 9                  | 10            | 17,0  | 21,6 | 22,0   | 36,0 | 12,0 | 11,0              | 24,5   | 3805004        | 3805104         | 50         | 1800                        |
| PG 9                  | 12+13         | 20,0  | 25,5 | 25,0   | 38,0 | 12,0 | 11,0              | 29,0   | 3805037        | 3805137         | 50         | 1800                        |
| PG 11                 | 10            | 17,0  | 21,6 | 22,0   | 36,0 | 12,0 | 12,5              | 24,5   | 3805050        | 3805150         | 50         | 1800                        |
| PG 11                 | 12+13         | 20,0  | 25,5 | 25,0   | 38,0 | 12,0 | 14,5              | 29,0   | 3805009        | 3805109         | 50         | 1800                        |
| PG 13,5               | 10            | 17,0  | 21,6 | 25,0   | 36,0 | 12,0 | 12,5              | 24,5   | 3805064        | 3805164         | 50         | 1800                        |
| PG 13,5               | 12+13         | 20,0  | 25,5 | 25,0   | 38,0 | 12,0 | 15,2              | 29,0   | 3805010        | 3805110         | 50         | 1800                        |
| PG 13,5               | 17            | 27,0  | 34,5 | 31,0   | 43,0 | 13,0 | 15,4              | 38,5   | 3805005        | 3805105         | 50         | 800                         |
| PG 16                 | 17            | 27,0  | 34,5 | 31,0   | 43,0 | 13,0 | 18,1              | 38,5   | 3805006        | 3805106         | 50         | 800                         |
| PG 21                 | 22            | 32,0  | 40,5 | 36,0   | 48,0 | 13,0 | 23,0              | 45,5   | 3805023        | 3805123         | 25         | 400                         |
| PG 21                 | 23            | 34,0  | 42,5 | 38,0   | 48,0 | 13,0 | 23,0              | 48,5   | 3805014        | 3805114         | 25         | 400                         |
| PG 29                 | 29            | 41,0  | 49,5 | 46,0   | 52,0 | 15,0 | 31,0              | 55,5   | 3805016        | 3805116         | 20         | 320                         |
| PG 36                 | 37            | 50,0  | 59,0 | 55,0   | 62,0 | 17,0 | 39,0              | 66,5   | 3805018        | 3805118         | 10         | 160                         |
| PG 48                 | 50            | 64,0  | 72,0 | 72,0   | 68,0 | 19,0 | 43,5              | 80,0   | 3805021        | 3805121         | 5          | 120                         |
| <b>metrico/metric</b> |               |       |      |        |      |      |                   |        |                |                 |            |                             |
| M 12 x 1,5            | 7,5           | 14,0  | 19,0 | 18,0   | 34,0 | 11,0 | 7,5               | 21,0   | 3805047        | 3805147         | 50         | 3200                        |
| M 12 x 1,5            | 8,5           | 16,0  | 20,6 | 20,0   | 35,0 | 11,0 | 7,5               | 23,0   | 3805011        | 3805111         | 50         | 3200                        |
| M 12 x 1,5            | 10            | 17,0  | 21,6 | 22,0   | 36,0 | 12,0 | 7,5               | 24,5   | 3805000        | 3805100         | 50         | 1800                        |
| M 16 x 1,5            | 10            | 17,0  | 21,6 | 22,0   | 36,0 | 12,0 | 11,0              | 24,5   | 3805001        | 3805101         | 50         | 1800                        |
| M 16 x 1,5            | 12+13         | 20,0  | 25,5 | 25,0   | 38,0 | 12,0 | 11,0              | 29,0   | 3805007        | 3805107         | 50         | 1800                        |
| M 20 x 1,5            | 10            | 17,0  | 21,6 | 25,0   | 36,0 | 12,0 | 12,5              | 24,5   | 3805051        | 3805151         | 50         | 1800                        |
| M 20 x 1,5            | 12+13         | 20,0  | 25,5 | 25,0   | 38,0 | 12,0 | 15,2              | 29,0   | 3805008        | 3805108         | 50         | 1800                        |
| M 20 x 1,5            | 17            | 27,0  | 34,5 | 31,0   | 43,0 | 13,0 | 15,4              | 38,5   | 3805002        | 3805102         | 50         | 800                         |
| M 25 x 1,5            | 17            | 27,0  | 34,5 | 31,0   | 43,0 | 13,0 | 19,1              | 38,5   | 3805003        | 3805103         | 50         | 800                         |
| M 25 x 1,5            | 22            | 32,0  | 40,5 | 36,0   | 48,0 | 13,0 | 25,0              | 45,5   | 3805022        | 3805122         | 25         | 400                         |
| M 25 x 1,5            | 23            | 34,0  | 42,5 | 38,0   | 48,0 | 13,0 | 19,1              | 48,5   | 3805013        | 3805113         | 25         | 400                         |
| M 32 x 1,5            | 29            | 41,0  | 49,5 | 46,0   | 52,0 | 15,0 | 25,5              | 55,5   | 3805015        | 3805115         | 20         | 320                         |
| M 40 x 1,5            | 37            | 50,0  | 59,0 | 55,0   | 62,0 | 17,0 | 34,0              | 66,5   | 3805017        | 3805117         | 10         | 160                         |
| M 50 x 1,5            | 50            | 64,0  | 72,0 | 72,0   | 68,0 | 19,0 | 43,5              | 80,0   | 3805019        | 3805119         | 5          | 120                         |
| M 63 x 1,5            | 50            | 64,0  | 72,0 | 72,0   | 68,0 | 19,0 | 53,2              | 80,0   | 3805020        | 3805120         | 5          | 120                         |

## Montaggio/Assembly

**IP 68\*\***

Per ottenere il grado di protezione IP68, inserire l'O-ring nella prima fessura dopo la sezione del tubo.

Per il tubo con profilo normale NW 50 inserire due O-Ring, uno nella prima fessura ed uno nella seconda fessura.

To achieve the protection class IP 68, slip the O ring into the first groove of the cut end of the corrugated tube section on the screw side. For normal profiled size NW 50 slip two O ring sealings into the first and second groove of the tube.



Tagliate il tubo sulla cresta alta (ottimo accoppiamento con il raccordo)  
Separate the tube at a corrugated crest (optimal protection of the tube and connector)



Inserire il tubo nella raccordo fino a fine corsa  
Insert the tube in the closed gland with a slight twist until the collar stop



Tirare leggermente indietro il tubo (assicura un'ottimo ancoraggio)  
Slightly pull back the tube in the gland (to latch security)



**mes connettori**  
componenti per il cablaggio