

**M12 female recept. D-cod. shielded rear**

TPE 22AWG SF/UTP CAT5e gn UL/CSA. ITC/PLTC 10m

Ethernet CAT5

Brida hembra

M12, 4 polos

Codificado D

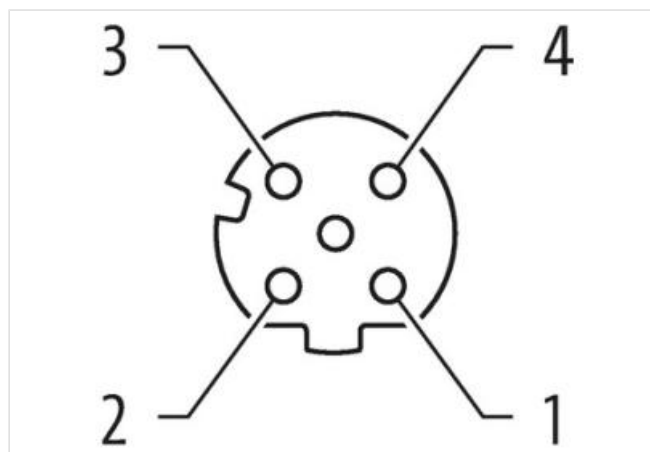
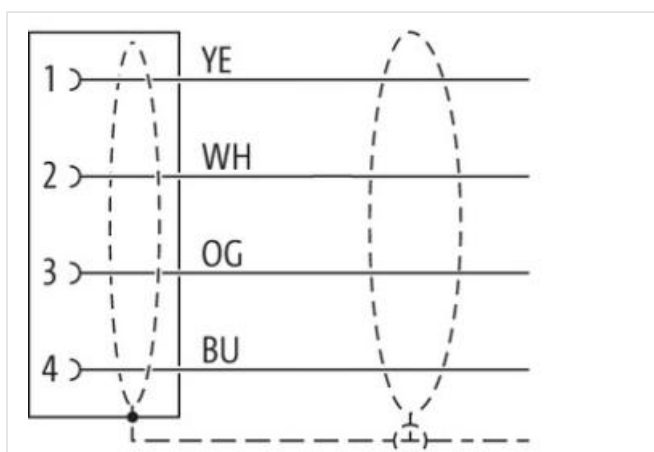
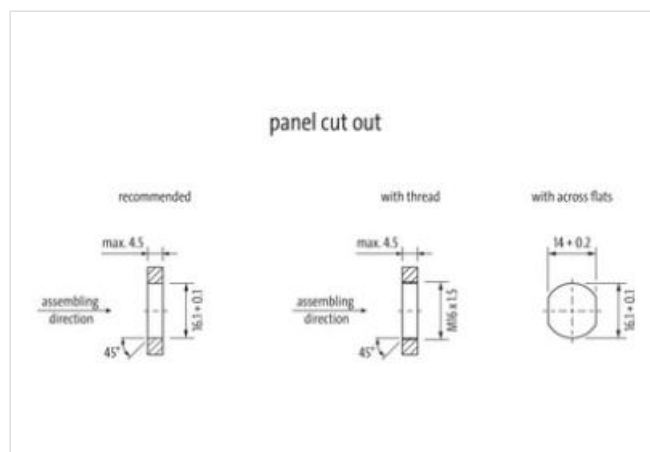
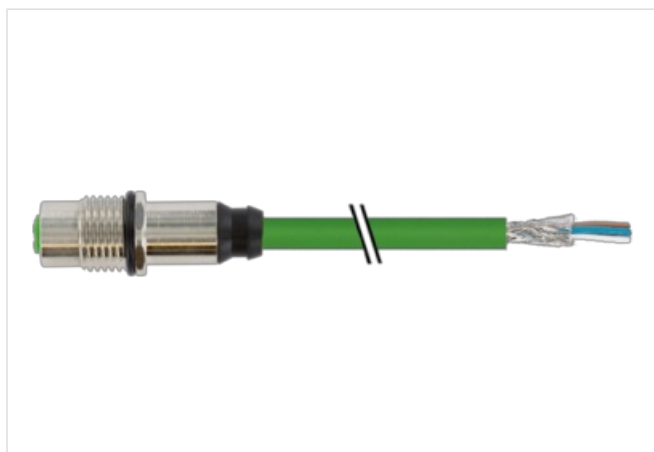
apantallado

Montaje trasero

USA

Otras longitudes bajo demanda.

La resistencia a ambientes agresivos debe ser testada de forma individual para cada aplicación. Más información bajo demanda.

**[Enlace al producto](#)****Ilustración**



El producto puede diferir de la imagen



|                                                  |                                                  |
|--------------------------------------------------|--------------------------------------------------|
| Longitud del cable                               | 10 m                                             |
| Modo de montaje                                  | insertado, Atornillado                           |
| Family construction form                         | M12                                              |
| indicado para tubo corrugado (Ø int.)            | 10 mm                                            |
| Nº de polos                                      | 4                                                |
| Ancho de llave                                   | SW14                                             |
| Grado de protección (EN IEC 60529)               | IP67                                             |
| Family construction form                         | free cable end                                   |
| Datos comerciales                                |                                                  |
| ECLASS-6.0                                       | 27279220                                         |
| ECLASS-7.0                                       | 27440103                                         |
| ECLASS-8.0                                       | 27440103                                         |
| ECLASS-9.0                                       | 27440103                                         |
| ECLASS-10.1                                      | 27440103                                         |
| ECLASS-11.1                                      | 27440103                                         |
| ECLASS-12.0                                      | 27440103                                         |
| ETIM-5.0                                         | EC002599                                         |
| GTIN                                             | 4048879602419                                    |
| Número de tarifa arancelaria                     | 85444290                                         |
| Unidad de embalaje                               | 1                                                |
| Datos eléctricos   Alimentación                  |                                                  |
| Tensión de servicio CC máx.                      | 60 V                                             |
| Corriente de servicio por contacto máx.          | 1,5 A                                            |
| Datos técnicos   Comunicación industrial         |                                                  |
| Parámetro de transferencia                       | CAT5, Class D (ISO/IEC 11801:2002), (EN 50173-1) |
| Tasa de transmisión máx.                         | 100 MBit/s                                       |
| Comunicación industrial   Funcionalidad Ethernet |                                                  |
| Dúplex                                           | Full duplex                                      |
| Protección de equipos   Sistema eléctrico        |                                                  |
| Protección NEMA                                  | 3, 4, 6P                                         |

|                                         |                        |
|-----------------------------------------|------------------------|
| Condición adicional grado de protección | insertado, Atornillado |
|-----------------------------------------|------------------------|

|                        |   |
|------------------------|---|
| Grado de contaminación | 3 |
|------------------------|---|

|                     |        |
|---------------------|--------|
| Tensión de servicio | 1,5 kV |
|---------------------|--------|

|                                             |   |
|---------------------------------------------|---|
| Grupo de sustancias aislantes (IEC 60664-1) | I |
|---------------------------------------------|---|

#### Características del entorno | Condiciones climáticas

|                              |        |
|------------------------------|--------|
| Temperatura de servicio mín. | -25 °C |
|------------------------------|--------|

|                              |       |
|------------------------------|-------|
| Temperatura de servicio máx. | 85 °C |
|------------------------------|-------|

|                                        |                            |
|----------------------------------------|----------------------------|
| Additional condition temperature range | depending on cable quality |
|----------------------------------------|----------------------------|

#### Important installation notes

|                       |                                                                                                     |
|-----------------------|-----------------------------------------------------------------------------------------------------|
| Note on strain relief | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. |
|-----------------------|-----------------------------------------------------------------------------------------------------|

|                        |                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note on bending radius | <b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|

#### Installation | Cable

|                  |                                     |
|------------------|-------------------------------------|
| wire arrangement | (blanco, azul), (naranja, amarillo) |
|------------------|-------------------------------------|

|                         |     |
|-------------------------|-----|
| Identificación de cable | S7V |
|-------------------------|-----|

|                      |       |
|----------------------|-------|
| Color de la cubierta | verde |
|----------------------|-------|

|                     |       |
|---------------------|-------|
| Type of Certificate | cURus |
|---------------------|-------|

|                  |   |
|------------------|---|
| Amount stranding | 2 |
|------------------|---|

|           |                 |
|-----------|-----------------|
| Stranding | 2 wires twisted |
|-----------|-----------------|

|                           |   |
|---------------------------|---|
| Amount stranding (type 2) | 1 |
|---------------------------|---|

|                    |                                       |
|--------------------|---------------------------------------|
| Stranding (type 2) | 2 Interconexiones de cableado twisted |
|--------------------|---------------------------------------|

|                             |                             |
|-----------------------------|-----------------------------|
| Apantallado de cable (tipo) | Trenzado de cobre, estañado |
|-----------------------------|-----------------------------|

|                                      |      |
|--------------------------------------|------|
| Apantallado de cable (recubrimiento) | 75 % |
|--------------------------------------|------|

|           |      |
|-----------|------|
| Envoltura | Foil |
|-----------|------|

|                  |                                     |
|------------------|-------------------------------------|
| wire arrangement | (blanco, azul), (naranja, amarillo) |
|------------------|-------------------------------------|

|              |          |
|--------------|----------|
| Cable weight | 74,8 g/m |
|--------------|----------|

|                   |     |
|-------------------|-----|
| Material cubierta | TPE |
|-------------------|-----|

|                                    |                                                             |
|------------------------------------|-------------------------------------------------------------|
| Ausencia de sustancias (envoltura) | Sin plomo, Libre de clorofluorocarburos, libre de halógenos |
|------------------------------------|-------------------------------------------------------------|

|                         |         |
|-------------------------|---------|
| Outer-diameter (jacket) | 7,87 mm |
|-------------------------|---------|

|                                   |       |
|-----------------------------------|-------|
| Tolerance outer diameter (sheath) | ± 5 % |
|-----------------------------------|-------|

|                          |      |
|--------------------------|------|
| Material wire insulation | HDPE |
|--------------------------|------|

|              |   |
|--------------|---|
| Amount wires | 4 |
|--------------|---|

|                           |         |
|---------------------------|---------|
| Outer diameter insulation | 1,47 mm |
|---------------------------|---------|

|                                          |       |
|------------------------------------------|-------|
| Outer diameter tolerance core insulation | ± 5 % |
|------------------------------------------|-------|

|                                     |                                                             |
|-------------------------------------|-------------------------------------------------------------|
| Ingredient freeness wire insulation | Sin plomo, Libre de clorofluorocarburos, libre de halógenos |
|-------------------------------------|-------------------------------------------------------------|

|                       |    |
|-----------------------|----|
| Amount strands (wire) | 19 |
|-----------------------|----|

|                          |        |
|--------------------------|--------|
| Diameter of single wires | 22 AWG |
|--------------------------|--------|

|                               |        |
|-------------------------------|--------|
| Conductor crosssection (wire) | 22 AWG |
|-------------------------------|--------|

|                         |                           |
|-------------------------|---------------------------|
| Material conductor wire | Cordón de cobre, estañado |
|-------------------------|---------------------------|

|                         |       |
|-------------------------|-------|
| Tensión nominal CA máx. | 600 V |
|-------------------------|-------|

|                                     |        |
|-------------------------------------|--------|
| Temperatura de servicio mín. (fija) | -40 °C |
|-------------------------------------|--------|

|                                     |       |
|-------------------------------------|-------|
| Temperatura de servicio máx. (fija) | 80 °C |
|-------------------------------------|-------|

|               |                     |
|---------------|---------------------|
| UV resistance | DIN EN ISO 4892-2 A |
|---------------|---------------------|

|                                 |                                                     |
|---------------------------------|-----------------------------------------------------|
| Resistencia a la inflamabilidad | IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090 |
|---------------------------------|-----------------------------------------------------|

|                     |                                                      |
|---------------------|------------------------------------------------------|
| chemical resistance | bien, debe comprobarse en relación con la aplicación |
|---------------------|------------------------------------------------------|

|                           |                                                      |
|---------------------------|------------------------------------------------------|
| Resistencia a la gasolina | bien, debe comprobarse en relación con la aplicación |
|---------------------------|------------------------------------------------------|

|                |                                                                         |
|----------------|-------------------------------------------------------------------------|
| Oil resistance | bien, debe comprobarse en relación con la aplicación   DIN EN 60811-404 |
|----------------|-------------------------------------------------------------------------|

|                           |                    |
|---------------------------|--------------------|
| radio de curvatura (fijo) | 8 x Outer diameter |
|---------------------------|--------------------|

|                                                   |                 |
|---------------------------------------------------|-----------------|
| Número de ciclos de flexión (cadenas portacables) | 35 Mio. @ 25 °C |
|---------------------------------------------------|-----------------|

|                             |              |
|-----------------------------|--------------|
| Número de ciclos de torsión | 5 Mio. 25 °C |
|-----------------------------|--------------|

|                   |           |
|-------------------|-----------|
| Estrés de torsión | ± 180 °/m |
|-------------------|-----------|