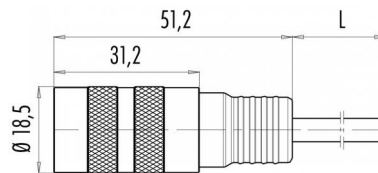


| | | | | |
|--------------|---|-----------|---------------------|---------------------|
| Product Area | Female cable connector moulded on cable M16 connectors IP 67 | serie 425 | Pole Article number | 12 79 6030 20 12 |
|--------------|---|-----------|---------------------|---------------------|

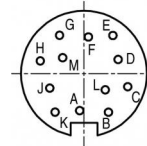
illustration



scale drawing



Contact Arrangement



- A weiß
- B braun
- C grün
- D gelb
- E grau
- F rosa
- G blau
- H rot
- J schwarz
- K violett
- L grau/rosa
- M rot/blau

Technical data

Common values

| | |
|--------------------------|------------------------------|
| Connector Design | Female cable connector |
| Connector locking system | Screw |
| Termination | solder, overmoulded on cable |
| Wire gauge (mm) | 0,25 mm ² |
| Wire gauge (AWG) | 24 |
| Cable outlet | - |
| Upper temperature | +70 °C |
| Lower temperature | -25 °C |

Electrical values

| | |
|-----------------------|--------------------|
| Rated voltage | 60 V |
| Rated impulse voltage | 500 V |
| Pollution degree | I |
| Overvoltage category | I |
| Material group | III |
| Rated current (40°C) | 3 A |
| Volume resistivity | ≤ 3 mΩ |
| EMV compliance | not shielded |
| Degree of protection | IP 67 |
| Mechanical operation | >500 mating cycles |

Material

| | |
|--------------------------|-----------------|
| Material of contact | CuSn (bronze) |
| Contact plating | Au (gold) |
| Material of contact body | PBT (UL 94 V-0) |
| Material of housing | PUR |

Cable data

| | |
|------------------------------|------------|
| material housing | PUR |
| insulation single lead | PVC |
| single lead structure | 14x0,15 mm |
| cable sheath Ø | 7 |
| bending radius cable fixed | 70 mm |
| bending radius cable movable | 105 mm |
| cable diameter | 7 |

Contacts 12, Cable 12 x 0,25 mm², female cable connector

