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|---------|-------------------------------------------|----------------|----------------------------|
| Product | Contacts: 12, Cable plug connector | Area | M16 IP67 Series 425 |
| Pole | 12 | Article number | 79 6029 20 12 |

| Illustration | Scale drawing | Contact Arrangement | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------|---|-------|---|------|---|------|---|------|---|------|---|------|---|-----|---|---------|---|---------|---|-----------|---|----------|
| | | <table border="0" style="margin-left: auto; margin-right: auto;"> <tr><td>A</td><td>weiß</td></tr> <tr><td>B</td><td>braun</td></tr> <tr><td>C</td><td>grün</td></tr> <tr><td>D</td><td>gelb</td></tr> <tr><td>E</td><td>grau</td></tr> <tr><td>F</td><td>rosa</td></tr> <tr><td>G</td><td>blau</td></tr> <tr><td>H</td><td>rot</td></tr> <tr><td>J</td><td>schwarz</td></tr> <tr><td>K</td><td>violett</td></tr> <tr><td>L</td><td>grau/rosa</td></tr> <tr><td>M</td><td>rot/blau</td></tr> </table> | 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 |
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Technical data

Common values

| | |
|--------------------------|---------------------------------|
| Connector Design | Cable plug connector |
| Connector locking system | screw |
| Termination | solder, injection-moulded cable |
| Wire gauge (mm) | 0.25 mm ² |
| Wire gauge (AWG) | 24 |
| Cable outlet | - |
| Upper temperature | 70 °C |
| Lower temperature | -25 °C |

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 |

Electrical values

| | |
|-----------------------|---------------------|
| Rated voltage | 60 V |
| Rated impulse voltage | 500 V |
| Pollution degree | 1 |
| Overvoltage category | I |
| Material group | III |
| Rated current (40°C) | 3 A |
| Volume resistivity | ≤ 3 mΩ |
| EMV compliance | not shielded |
| Degree of protection | IP67 |
| Mechanical operation | > 500 mating cycles |

Material

| | |
|--------------------------|-----------------|
| Material of contact | CuZn (Brass) |
| Contact plating | Au (Gold) |
| Material of contact body | PBT (UL 94 V-0) |
| Material of housing | PUR |

Contacts: 12, Cable: 12 x 0.25 mm², cable plug connector