

Electrical connection technology, for inputs/outputs

Technical data – KVIA-...

- Plug socket with cable for inputs/ outputs (valve terminal type 03/04, analogue connections)
- Pre-assembled at both ends
- Cable lengths 5 m or 10 m
- 4-pin/5-pin
- Round plug
- Suitable for chain link trunking



| General technical data | |
|-------------------------------|----------------------------------|
| Type | KVIA-... |
| Type of mounting | M16/M12 union nut |
| Mounting position | Any |
| Operating voltage range [V] | 250 AC |
| Current-carrying capacity [A] | 1 |
| Protection class to EN 60 529 | IP65 (assembled) |
| Material of housing | Polybuteneterephthalate |
| Material of contacts | Silver-plated/gold-plated bronze |
| Material of cable sheath | Polyvinyl chloride |
| Ambient temperature [°C] | -30 ... +80 |

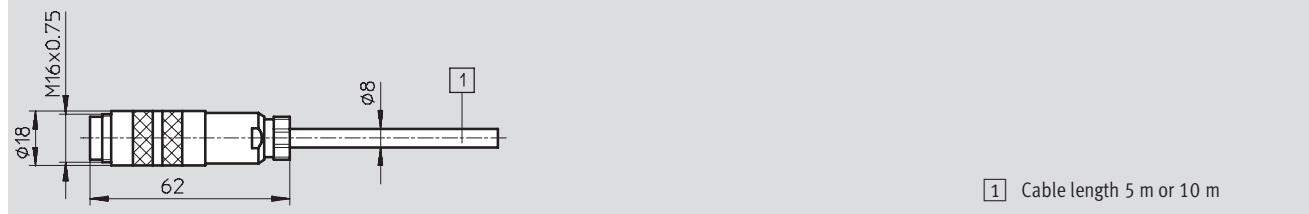
| Ordering data | | | | | | | | |
|---------------|----------------------------------|----------------------------------|---|---------------------|--------------------|------------------|---------------------|----------------|
| | Suitable for chain link trunking | Electrical connection | Construc-tional design [mm ²] | Cable diameter [mm] | Product weight [g] | Cable length [m] | Type | Part No. |
| | ■ | Straight plug | 6x0.25 | 8 | 306 | 5 | KVIA-5 | 163 960 |
| | ■ | Straight plug | 6x0.25 | 8 | 567 | 10 | KVIA-10 | 163 961 |
| | ■ | Straight plug Straight socket | 4x0.25 | 6.2 | 297 | 5 | KVIA-MPYE-5 | 161 984 |
| | ■ | Straight plug Straight socket | 4x0.25 | 6.2 | 530 | 10 | KVIA-MPYE-10 | 161 985 |
| | ■ | Straight plug Angled socket | 6x0.25 | 8 | 352 | 5 | KVIA-MPPE-5 | 163 882 |
| | ■ | Straight plug Angled socket | 6x0.25 | 8 | 828 | 10 | KVIA-MPPE-10 | 163 883 |

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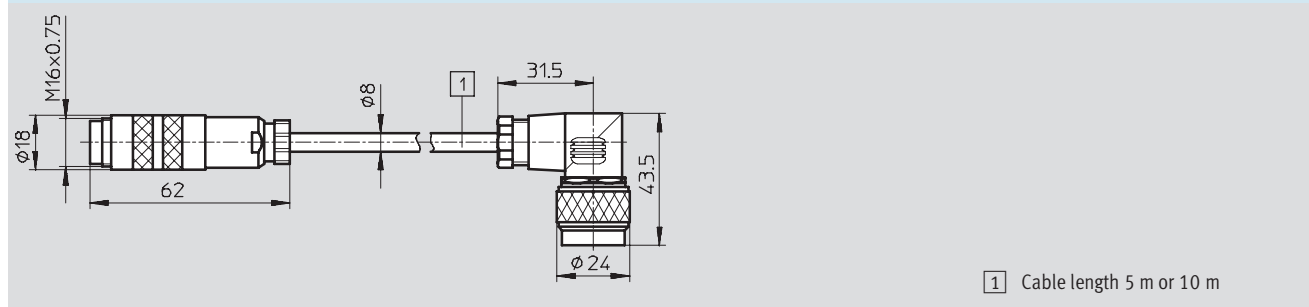
Technical data – KVIA-...

Dimensions Download CAD data → www.festo.com

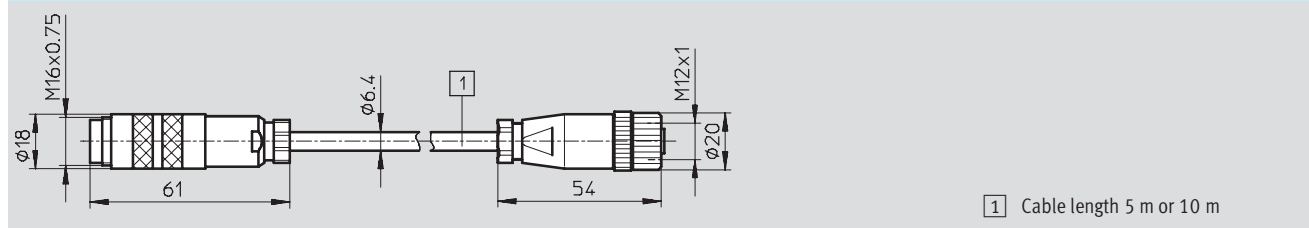
KVIA- 5 and KVIA-10



Type KVIA-MPPE-...

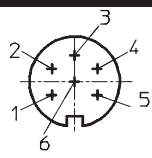
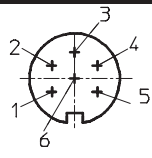
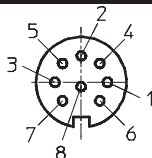
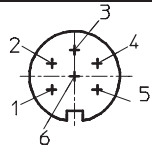
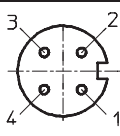


Type KVIA-MPYE-...



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Technical data – KVIA-...

| Wiring allocation (socket/plug view) | | | | |
|---|---------|-------------|--------|---|
| KVIA-5 and KVIA-10 | | | | |
| Plug | Pin | Core colour | | |
|  | 1 | Grey | | |
| | 2 | Pink | | |
| | 3 | Green | | |
| | 4 | Yellow | | |
| | 5 | Brown | | |
| | 6 | White | | |
| | Housing | | Screen | |
| Type KVIA-MPPE-... | | | | |
| Plug | Pin | Core colour | Pin | Socket |
|  | 1 | Grey | 6 |  |
| | 2 | Pink | 8 | |
| | 3 | Green | 4 | |
| | 4 | Yellow | 2 | |
| | 5 | Brown | 7 | |
| | 6 | White | 3 | |
| | Housing | | Screen | |
| Type KVIA-MPPE-... | | | | |
| Plug | Pin | Core colour | Pin | Socket |
|  | 1 | - | - |  |
| | 2 | - | - | |
| | 3 | Green | 3 | |
| | 4 | Yellow | 4 | |
| | 5 | Brown | 1 | |
| | 6 | White | 2 | |
| | Housing | | Screen | |