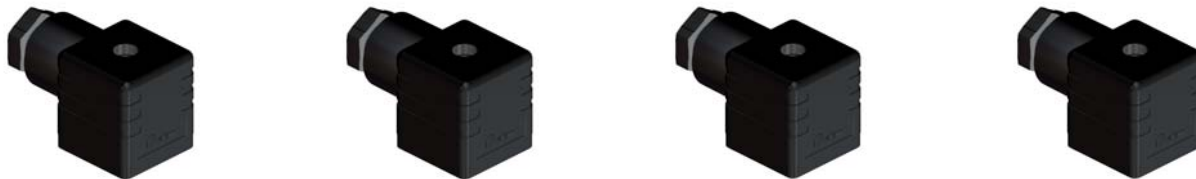




| Product description                        |                     | EN175301-803  | EN175301-803  |
|--|---------------------|---|---|
| Standard                                   |                     | EN175301-803  | EN175301-803  |
| Construction type                          |                     | A   | A   |
| Description                                |                     | P18 connector with screw terminals<br>NBR profile gasket<br>(PE) earth position H12                             | P18 connector with screw terminals<br>NBR profile gasket<br>(PE) earth position H12                             |
| Housing colour                             |                     | black   | black   |
| Number of contacts                         |                     | 2+PE  | 2+PE  |
| Order no.                                  |                     | <b>KA132000B9</b>   | <b>KA132000B1</b>   |
| Other options on request                   | grey housing        | order no. <b>KA132000A9</b>   | order no. <b>KA132000A1</b>   |
| Cable gland                                |                     | PG9   | PG11  |
| Max. conductor size                        |                     | 1,5mm <sup>2</sup> without splice/terminal  | 1,5mm <sup>2</sup> without splice/terminal  |
| <b>Drawing</b>                             |                     |   |   |
| <b>Technical data</b>                      |                     |   |   |
| Pin dimension                              |                     | 6,3 x 0,8mm ; 4,8 x 0,8mm   | 6,3 x 0,8mm ; 4,8 x 0,8mm   |
| Rated voltage max.                         |                     | 250 V AC/DC   | 250 V AC/DC   |
| Rated current max. (EN 60512-5-2 test 5b)  |                     | 10 A  | 10 A  |
| Contact resistance                         |                     | 15mΩ max.   | 15mΩ max.   |
| Overtoltage category                       |                     | III   | III   |
| Type of termination                        |                     | screw M3  | screw M3  |
| Contact screw torque                       |                     | max. 0,5 N/m  | max. 0,5 N/m  |
| Suitable cables                            |                     | 5 mm to 7 mm diameter   | 6 mm to 9 mm diameter   |
| Mounting                                   |                     | central screw M3x32,5   | central screw M3x32,5   |
| <b>Material</b>                            |                     |   |   |
| Contact holder material                    |                     | PA6 GF  | PA6 GF  |
| Housing material                           |                     | PA6 GF  | PA6 GF  |
| <b>Environmental conditions</b>            |                     |   |   |
| Protection class (EN 60529)                |                     | IP 65 when correctly assembled  | IP 65 when correctly assembled  |
| Pollution severity (EN 60664-1)            |                     | 3   | 3   |
| Temperature range                          |                     | -40°C to + 100°C  | -40°C to + 100°C  |
|  | with silicon gasket | -40°C to + 125°C  | -40°C to + 125°C  |
| <b>Inflammability class</b>                |                     |   |   |
| Contact holder                             |                     | HB - UL 94  | HB - UL 94  |
| Housing                                    |                     | HB - UL 94  | HB - UL 94  |
| Approvals                                  |                     | VDE   | VDE   |
| <b>Packaging</b>                           |                     |   |   |
| Packaging unit / Weight approx.            |                     | 500 pieces / 14,5Kg   | 500 pieces / 14,5Kg   |
| Box dimensions                             |                     | 80 x 30 x 22 cm   | 80 x 30 x 22 cm   |
| <b>Other accessory options</b>             |                     |   |   |
| to be ordered separately see pages 171-175 |                     | NBR flat gasket 100 pcs in bag<br>Silicon profile gasket 100 pcs in bag<br>Stainless steel screw 100 pcs in bag | NBR flat gasket 100 pcs in bag<br>Silicon profile gasket 100 pcs in bag<br>Stainless steel screw 100 pcs in bag |

## Valve Connectors KAO - KA1 series

SELF - ASSEMBLY CABLE



| EN175301-803  | EN175301-803  | EN175301-803  | EN175301-803  |
|---|---|---|---|
| A   | A   | A   | A   |
| P18 connector with screw terminals<br>NBR profile gasket<br>(PE) earth position H12 | P18 connector with screw terminals<br>NBR profile gasket<br>(PE) earth position H12 | P18 connector with screw terminals<br>NBR profile gasket<br>(PE) earth position H12 | P18 connector with screw terminals<br>NBR profile gasket<br>(PE) earth position H12 |
| black   | black   | black   | black   |
| 2+PE  | 3+PE  | 3+PE  | 3+PE  |
| <b>KA132000B6</b>   | <b>KA042000B9</b>   | <b>KA042000B1</b>   | <b>KA042000B6</b>   |
| order no. <b>KA132000A6</b>   | order no. <b>KA042000A9</b>   | order no. <b>KA042000A1</b>   | order no. <b>KA042000A6</b>   |
| M16x1,5   | PG9   | PG11  | M16x1,5   |
| 1,5mm <sup>2</sup> without splice/terminal  | 1,5mm <sup>2</sup> without splice/terminal  | 1,5mm <sup>2</sup> without splice/terminal  | 1,5mm <sup>2</sup> without splice/terminal  |
|   |   |   |   |
| 6,3 x 0,8mm ; 4,8 x 0,8mm   | 6,3 x 0,8mm; 4,8 x 0,8mm  | 6,3 x 0,8mm; 4,8 x 0,8mm  | 6,3 x 0,8mm; 4,8 x 0,8mm  |
| 250 V AC/DC   | 250 V AC/DC   | 250 V AC/DC   | 250 V AC/DC   |
| 10 A  | 10 A  | 10 A  | 10 A  |
| 15mΩ max.   | 15mΩ max.   | 15mΩ max.   | 15mΩ max.   |
| III   | III   | III   | III   |
| screw M3  | screw M3  | screw M3  | screw M3  |
| max. 0,5 N/m  | max. 0,5 N/m  | max. 0,5 N/m  | max. 0,5 N/m  |
| 5 mm to 7 mm diameter<br>central screw M3x32,5                                      | 5 mm to 7 mm diameter<br>central screw M3x32,5                                      | 6 mm to 9 mm diameter<br>central screw M3x32,5                                      | 5 mm to 7 mm diameter<br>central screw M3x32,5                                      |
| PA6 GF  | PA6 GF  | PA6 GF  | PA6 GF  |
| PA6 GF  | PA6 GF  | PA6 GF  | PA6 GF  |
| IP 65 when correctly assembled  | IP 65 when correctly assembled  | IP 65 when correctly assembled  | IP 65 when correctly assembled  |
| 3   | 3   | 3   | 3   |
| -40°C to + 100°C  | -40°C to + 100°C  | -40°C to + 100°C  | -40°C to + 100°C  |
| -40°C to + 125°C  | -40°C to + 125°C  | -40°C to + 125°C  | -40°C to + 125°C  |
| HB - UL 94  | HB - UL 94  | HB - UL 94  | HB - UL 94  |
| HB - UL 94  | HB - UL 94  | HB - UL 94  | HB - UL 94  |
| VDE   | VDE   | VDE   | VDE   |
| 500 pieces / 14,5Kg   | 500 pieces / 14,5Kg   | 500 pieces / 14,5Kg   | 500 pieces / 14,5Kg   |
| 80 x 30 x 22 cm   | 80 x 30 x 22 cm   | 80 x 30 x 22 cm   | 80 x 30 x 22 cm   |
| NBR flat gasket 100 pcs in bag  | NBR flat gasket 100 pcs in bag  | NBR flat gasket 100 pcs in bag  | NBR flat gasket 100 pcs in bag  |
| Silicon profile gasket 100 pcs in bag   | Silicon profile gasket 100 pcs in bag   | Silicon profile gasket 100 pcs in bag   | Silicon profile gasket 100 pcs in bag   |
| Stainless steel screw 100 pcs in bag  | Stainless steel screw 100 pcs in bag  | Stainless steel screw 100 pcs in bag  | Stainless steel screw 100 pcs in bag  |

Form A - EN 175301-803 (DIN43650) / ISO 4400



Form A - EN 175301-803 (DIN43650) / ISO 4400

| Product description                        |              | EN175301-803  | EN175301-803  |
|--|--------------|---|---|
| Standard                                   |              | EN175301-803  | EN175301-803  |
| Construction type                          |              | A   | A   |
| Description                                |              | P18 connector with screw terminals<br>NBR profile gasket<br>(PE) earth position H12 | P18 connector with screw terminals<br>NBR profile gasket<br>(PE) earth position H12 |
| Housing colour                             |              | black   | black   |
| Number of contacts                         |              | 2+PE  | 2+PE  |
| Order no.                                  |              | <b>KA132000B9UR</b>   | <b>KA132000A1UR</b>   |
| Other options on request                   | grey housing | order no. <b>KA132000A9UR</b>   | order no. <b>KA132000A1UR</b>   |
| Cable gland                                |              | PG9 (M16 x 1,5 on request)  | PG11  |
| Max. conductor size                        |              | 1,5mm <sup>2</sup> without splice/terminal  | 1,5mm <sup>2</sup> without splice/terminal  |
| <b>Drawing</b>                             |              |   |   |
| <b>Technical data</b>                      |              |   |   |
| Pin dimension                              |              | 6,3 x 0,8mm ; 4,8 x 0,8mm   | 6,3 x 0,8mm ; 4,8 x 0,8mm   |
| Rated voltage max.                         |              | 250 V AC/DC   | 250 V AC/DC   |
| Rated current max. (EN 60512-5-2 test 5b)  |              | 10 A  | 10 A  |
| Contact resistance                         |              | 15mΩ max.   | 15mΩ max.   |
| Overvoltage category                       |              | III   | III   |
| Type of termination                        |              | screw M3  | screw M3  |
| Contact screw torque                       |              | max. 0,5 N/m  | max. 0,5 N/m  |
| Suitable cables                            |              | 5 mm to 7 mm diameter   | 6 mm to 9 mm diameter   |
| Mounting                                   |              | central screw M3x32,5   | central screw M3x32,5   |
| <b>Material</b>                            |              |   |   |
| Contact holder material                    |              | PA66 GF H2  | PA66 GF H2  |
| Housing material                           |              | PA66 GF H2  | PA66 GF H2  |
| <b>Environmental conditions</b>            |              |   |   |
| Protection class (EN 60529)                |              | IP 65 when correctly assembled  | IP 65 when correctly assembled  |
| Pollution severity (EN 60664-1)            |              | 3   | 3   |
| Temperature range                          |              | -40°C to + 100°C  | -40°C to + 100°C  |
| <b>Inflammability class</b>                |              |   |   |
| Contact holder                             |              | 94-V0   | 94-V0   |
| Housing                                    |              | 94-V0   | 94-V0   |
| Approvals                                  |              | UL/cUL  | UL/cUL  |
| <b>Packaging</b>                           |              |   |   |
| Packaging unit / Weight approx.            |              | 500 pieces / 14,5Kg   | 500 pieces / 14,5Kg   |
| Box dimensions                             |              | 80 x 30 x 22 cm   | 80 x 30 x 22 cm   |
| <b>Other accessory options</b>             |              |   |   |
| to be ordered separately see pages 171-175 |              |   |   |

## Valve Connectors KAO - KA1 series

SELF - ASSEMBLY CABLE



CE US



CE US



| EN175301-803  | EN175301-803  | EN175301-803  | EN175301-803  |
|---|---|---|---|
| A   | A   | A   | A   |
| P18 connector with screw terminals<br>NBR profile gasket<br>(PE) earth position H12 | P18 connector with screw terminals<br>NBR profile gasket<br>(PE) earth position H12 | P18 connector with screw terminals<br>NBR profile gasket<br>(PE) earth position H12 | P18 connector with screw terminals<br>NBR profile gasket<br>(PE) earth position H12 |
| black   | black   | black   | black   |
| 3+PE  | 3+PE  | 2+PE  | 3+PE  |
| <b>KA042000B9UR</b>   | <b>KA042000B1UR</b>   | <b>KA132000B3</b>   | <b>KA042000A3</b>   |
| order no. <b>KA042000A9UR</b>   | order no. <b>KA042000A1UR</b>   | order no. <b>KA132000A3</b>   | order no. <b>KA042000A3</b>   |
| PG9 (M16 x 1,5 on request)  | PG11  | 1/2 NPTF  | 1/2 NPTF  |
| 1,5mm <sup>2</sup> without splice/terminal  | 1,5mm <sup>2</sup> without splice/terminal  | 1,5mm <sup>2</sup> without splice/terminal  | 1,5mm <sup>2</sup> without splice/terminal  |
|   |   |   |   |
| 6,3 x 0,8mm ; 4,8 x 0,8mm   | 6,3 x 0,8mm ; 4,8 x 0,8mm   | 6,3 x 0,8mm ; 4,8 x 0,8mm   | 6,3 x 0,8mm ; 4,8 x 0,8mm   |
| 250 V AC/DC   | 250 V AC/DC   | 250 V AC/DC   | 250 V AC/DC   |
| 10 A  | 10 A  | 10 A  | 10 A  |
| 15mΩ max.   | 15mΩ max.   | 15mΩ max.   | 15mΩ max.   |
| III   | III   | III   | III   |
| screw M3  | screw M3  | screw M3  | screw M3  |
| max. 0,5 N/m  | max. 0,5 N/m  | max. 0,5 N/m  | max. 0,5 N/m  |
| 5 mm to 7 mm diameter   | 6 mm to 9 mm diameter   | not included  | not included  |
| central screw M3x32,5   | central screw M3x32,5   | central screw M3x32,5   | central screw M3x32,5   |
| PA66 GF H2  | PA66 GF H2  | PA6 GF  | PA6 GF  |
| PA66 GF H2  | PA66 GF H2  | PA6 GF  | PA6 GF  |
| IP 65 when correctly assembled  | IP 65 when correctly assembled  | IP 65 when correctly assembled  | IP 65 when correctly assembled  |
| 3   | 3   | 3   | 3   |
| -40°C to + 100°C  | -40°C to + 100°C  | -40°C to + 100°C  | -40°C to + 100°C  |
|   |   | -40°C to + 125°C with silicon gasket  | -40°C to + 125°C with silicon gasket  |
| 94-V0   | 94-V0   | HB - UL 94  | HB - UL 94  |
| 94-V0   | 94-V0   | HB - UL 94  | HB - UL 94  |
| UL/cUL  | UL/cUL  |   |   |
| 500 pieces / 14,5Kg   | 500 pieces / 14,5Kg   | 500 pieces / 14Kg   | 500 pieces / 14Kg   |
| 80 x 30 x 22 cm   | 80 x 30 x 22 cm   | 80 x 30 x 22 cm   | 80 x 30 x 22 cm   |
|   |   | NBR flat gasket 100 pcs in bag  | NBR flat gasket 100 pcs in bag  |
|   |   | Silicon profile gasket 100 pcs in bag   | Silicon profile gasket 100 pcs in bag   |
|   |   | Stainless steel screw 100 pcs in bag  | Stainless steel screw 100 pcs in bag  |

Form A - EN 175301-803 (DIN43650) / ISO 4400