

## KNV, KNE, KOV (FEC, FET...) SERIES EXPLOSION-PROOF CABLE GLANDS EQUIPMENT SELECTION FORM

|   |   |                            |   |  |  |                                    |                             |  |                             |                             |                             |                             |
|---|---|----------------------------|---|--|--|------------------------------------|-----------------------------|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Type of explosion protection            | <input type="checkbox"/> 1Ex d IIC Gb <input type="checkbox"/> 1Ex e II Gb <input type="checkbox"/> 0Ex ia IIC Ga <input type="checkbox"/> 2Ex nR II Gc   |                            |   |  | Operating temperature  |                                    | from "____" to "____"       |  |                             |                             |                             |                             |
| IP protection                           | <input type="checkbox"/> RV Ex d I Mb <input type="checkbox"/> RO Ex ia I Ma <input type="checkbox"/> RN  |                            |   |  | <input type="checkbox"/> IP65 <input type="checkbox"/> IP66 <input type="checkbox"/> IP67 <input type="checkbox"/> IP68 <input type="checkbox"/> DTS01 |                                    |                             |  |                             |                             |                             |                             |
| Climatic category                       | <input type="checkbox"/> NF1 <input type="checkbox"/> NF2 <input type="checkbox"/> NF3 <input type="checkbox"/> NF4 <input type="checkbox"/> NF5 <input type="checkbox"/> MU1<br><input type="checkbox"/> F1 <input type="checkbox"/> F2 <input type="checkbox"/> F3 <input type="checkbox"/> F5 <input type="checkbox"/> W2.13** <input type="checkbox"/> MU2 <input type="checkbox"/> MU4<br><input type="checkbox"/> T1 <input type="checkbox"/> T2 <input type="checkbox"/> T3 <input type="checkbox"/> T5 <input type="checkbox"/> W5 <input type="checkbox"/> MU3 |                            |   |  |  |                                    |                             |  |                             |                             |                             |                             |
| Material of cable gland                 | <input type="checkbox"/> Nickel-plated brass <input type="checkbox"/> Brass (it is not recommended for metal enclosures) <input type="checkbox"/> Polyamide (except Exd, ExnR protection types)   |                            |   |  |  |                                    |                             |  |                             |                             |                             |                             |
|   | <input type="checkbox"/> Stainless steel 08X18H10 (AISI 304)  |                            |   |  | <input type="checkbox"/> Stainless steel 03X17H13M2 (AISI316)  |                                    |                             |  |                             |                             |                             |                             |
|   | <input type="checkbox"/> Aluminium alloy (low corrosion resistance)   |                            |   |  | <input type="checkbox"/> Galvanized steel  |                                    |                             |  |                             |                             |                             |                             |
| Type of sealing                         | <input type="checkbox"/> Sealing ring*<br><input type="checkbox"/> Potting  |                            |   | *in «d» ingress protection type enclosures sealing ring may be used only for fully-filled cables |  | Shape of cable                     |                             | <input type="checkbox"/> circular <input type="checkbox"/> plain<br><input type="checkbox"/> irregular |                             |                             |                             |                             |
| Type of cable and connection method     | <input type="checkbox"/> Non-armoured cable   |                            | <input type="checkbox"/> Cable with tape armoring                               |  | <input type="checkbox"/> Cable with wire braiding  |                                    |                             |  |                             |                             |                             |                             |
|   | <input type="checkbox"/> Armoured cable with lead cover   |                            | <input type="checkbox"/> To pipe wiring system with female thread               |  | <input type="checkbox"/> Shielded cable  |                                    |                             |  |                             |                             |                             |                             |
|   | <input type="checkbox"/> Armoured cable with single-row wire armoring   |                            | <input type="checkbox"/> To cable corrugated PVC pipe                           |  | <input type="checkbox"/> Self-adjusting heating cable  |                                    |                             |  |                             |                             |                             |                             |
|   | <input type="checkbox"/> Armoured cable with armoring of flexible wire  |                            | <input type="checkbox"/> To pipe wiring system with male thread                 |  | <input type="checkbox"/> Constant power heating cable  |                                    |                             |  |                             |                             |                             |                             |
|   | <input type="checkbox"/> To flexible metal hose RZ-TSH  |                            | <input type="checkbox"/> To flexible metal hose in PVC insulating material MRPI |  |  |                                    |                             |  |                             |                             |                             |                             |
| Diameter of cable                       | External jacket, mm   |                            | Internal jacket (without armoring and wire), mm                                 |  | Thickness of armoring, wire, mm  |                                    |                             |  |                             |                             |                             |                             |
|   | min   | max                        | min   | max  | min  | max                                |                             |  |                             |                             |                             |                             |
|   | -----   | -----                      | -----   | -----  | -----  | -----                              |                             |  |                             |                             |                             |                             |
| Connecting dimensions                   | to enclosure of product:  |                            |   |  |  | to pipe wiring system:             |                             |  |                             |                             |                             |                             |
|   | Choosing of connection thread type  | <input type="checkbox"/>   | <input type="checkbox"/>  | <input type="checkbox"/>   | <input type="checkbox"/>   | Choosing of connection thread type | <input type="checkbox"/>    | <input type="checkbox"/>   | <input type="checkbox"/>    | <input type="checkbox"/>    |                             |                             |
|   | Size  | M, GOST 24705-81           | R, GOST 6211-81   | N, NPT   | G, GOST 6357-81  | Size                               | M, GOST 24705-81            | R, GOST 6211-81  | N, NPT                      | G, GOST 6357-81             |                             |                             |
|   | <input type="checkbox"/> 02   | M12x1,5                    | ¼"  | ¼"   | ¼"   | <input type="checkbox"/> 02        | M12x1,5                     | ¼"   | ¼"                          | ¼"                          |                             |                             |
|   | <input type="checkbox"/> 01   | M16x1,5                    | ⅜"  | ⅜"   | ⅜"   | <input type="checkbox"/> 01        | M16x1,5                     | ⅜"   | ⅜"                          | ⅜"                          |                             |                             |
|   | <input type="checkbox"/> 1  | M20x1,5                    | ½"  | ½"   | ½"   | <input type="checkbox"/> 1         | M20x1,5                     | ½"   | ½"                          | ½"                          |                             |                             |
|   | <input type="checkbox"/> 2  | M25x1,5                    | ¾"  | ¾"   | ¾"   | <input type="checkbox"/> 2         | M25x1,5                     | ¾"   | ¾"                          | ¾"                          |                             |                             |
|   | <input type="checkbox"/> 3  | M32x1,5                    | 1"  | 1"   | 1"   | <input type="checkbox"/> 3         | M32x1,5                     | 1"   | 1"                          | 1"                          |                             |                             |
|   | <input type="checkbox"/> 4  | M40x1,5                    | 1¼"   | 1¼"  | 1¼"  | <input type="checkbox"/> 4         | M40x1,5                     | 1¼"  | 1¼"                         | 1¼"                         |                             |                             |
|   | <input type="checkbox"/> 5  | M50x1,5                    | 1½"   | 1½"  | 1½"  | <input type="checkbox"/> 5         | M50x1,5                     | 1½"  | 1½"                         | 1½"                         |                             |                             |
|   | <input type="checkbox"/> 6  | M62x1,5                    | 2"  | 2"   | 2"   | <input type="checkbox"/> 6         | M62x1,5                     | 2"   | 2"                          | 2"                          |                             |                             |
|   | <input type="checkbox"/> 7  | M75x1,5                    | 2½"   | 2½"  | 2½"  | <input type="checkbox"/> 7         | M75x1,5                     | 2½"  | 2½"                         | 2½"                         |                             |                             |
|   | <input type="checkbox"/> 8  | M90x1,5                    | 3"  | 3"   | 3"   | <input type="checkbox"/> 8         | M90x1,5                     | 3"   | 3"                          | 3"                          |                             |                             |
|   | <input type="checkbox"/> 10   | M100x1,5                   | 4"  | 4"   | 4"   | <input type="checkbox"/> 10        | M100x1,5                    | 4"   | 4"                          | 4"                          |                             |                             |
|   | to metal hose, corrugated pipe:   |                            |   |  |  |                                    |                             |  |                             |                             |                             |                             |
| RZ-TSH                                  | <input type="checkbox"/> 6  | <input type="checkbox"/> 8 | <input type="checkbox"/> 10   | <input type="checkbox"/> 12  | <input type="checkbox"/> 15  | <input type="checkbox"/> 18        | <input type="checkbox"/> 20 | <input type="checkbox"/> 22  | <input type="checkbox"/> 25 | <input type="checkbox"/> 32 | <input type="checkbox"/> 38 | <input type="checkbox"/> 50 |
| MPRI                                    | <input type="checkbox"/> 6  | <input type="checkbox"/> 8 | <input type="checkbox"/> 10   | <input type="checkbox"/> 12  | <input type="checkbox"/> 15  | -                                  | <input type="checkbox"/> 20 | -  | <input type="checkbox"/> 25 | <input type="checkbox"/> 32 | <input type="checkbox"/> 38 | <input type="checkbox"/> 50 |
| Corrugated PVC pipe                     | -   | -                          | <input type="checkbox"/> 16   | -  | <input type="checkbox"/> 20  | <input type="checkbox"/> 25        | -                           | -  | <input type="checkbox"/> 32 | <input type="checkbox"/> 40 | <input type="checkbox"/> 50 | <input type="checkbox"/> 63 |
| Quantity of cable glands                | <input type="text"/> <input type="text"/> <input type="text"/> pcs  |                            |   |  |  |                                    |                             |  |                             |                             |                             |                             |
| Customer's notes (optional information) | Accessories   |                            |   |  |  |                                    |                             |  |                             |                             |                             |                             |
|   | <input type="checkbox"/> Sealing ring of PTFE (polytetrafluoroethylene) (only for straight thread) UKF<br><input type="checkbox"/> Locknut(only for straight thread) KG<br><input type="checkbox"/> Protective shroud VZK<br><input type="checkbox"/> Grounding ring (only for straight thread) A31   |                            |   |  |  |                                    |                             |  |                             |                             |                             |                             |
| Contact details                         | Company:  |                            |   |  |  |                                    | Tel./Fax:                   |  |                             |                             |                             |                             |
|   | Mailing address:  |                            |   |  |  |                                    |                             |  |                             |                             |                             |                             |
|   | Contact person:   |                            |   |  |  |                                    | E-mail:                     |  |                             |                             |                             |                             |