

## INDEX FOR EXPLOSION PROOF ELECTRICAL PARTS

| Coil Reference | Coil Group | Designation                                                                              | Power DC Pn ( W ) | Power AC Pn ( W ) | Ambient Temperature | UL | Degree of Protection | ATEX or NEMA 4X Protection ( Gas ) | Page |
|----------------|------------|------------------------------------------------------------------------------------------|-------------------|-------------------|---------------------|----|----------------------|------------------------------------|------|
| 496637         | 1.2        | Explosion proof electrical part "nAc nCc", 22 mm, double frequency                       | 3.0               | 3.0               | -40°C to +50°C      | -  | IP65                 | II 3 D Ex tc IIIC T 95°C           | 445  |
| 495880         | 2.0/2.2    | Explosion proof electrical part "nAc nCc", 32 mm                                         | 14.0              | 14.0              | -40°C to +50°C      | -  | IP65                 | II 3 G Ex nAc nCc IIC T3           | 449  |
| 496155         | 2.0/2.2    | Explosion proof increased safety electrical part "nAc nCc", 50 mm                        | 14.0              | 14.0              | -40°C to +65°C      | -  | IP67                 | II 3 G Ex nAc nCc IIC T3           | 451  |
| 495915         | 4.0        | Explosion proof increased safety electrical part "nAc nCc", 50 mm                        | 13.0              | 11.0              | -40°C to +65°C      | -  | IP67                 | II 3 G Ex nAc nCc IIC T3           | 450  |
| 495870         | 2.0/2.1    | Explosion proof electrical part "nAc nCc", 32 mm                                         | 9.0               | 8.0               | -40°C to +50°C      | -  | IP65                 | II 3 G Ex nAc nCc IIC T3/T4        | 446  |
| 495875         | 3.0        | Explosion proof electrical part "nAc nCc", 32 mm                                         | 7.0               | 6.0               | -40°C to +50°C      | -  | IP65                 | II 3 G Ex nAc nCc IIC T3/T4        | 448  |
| 496110         | 2.0/2.1    | Explosion proof electrical part "nAc nCc", 32 mm                                         | -                 | 9.0               | -40°C to +50°C      | -  | IP65                 | II 3 G Ex nAc nCc IIC T3/T4        | 446  |
| 495865         | 1.1        | Explosion proof electrical part "nAc nCc", low power, 22 mm                              | 2.5               | 2.0               | -40°C to +50°C      | -  | IP65                 | II 3 G Ex nAc nCc IIC T5           | 444  |
| 496125         | 6.0        | Explosion proof electrical part "nAc nCc", low power, 32 mm                              | 1.6               | -                 | -40°C to +50°C      | -  | IP65                 | II 3 G Ex nAc nCc IIC T5/T6        | 447  |
| 482605         | 1.1        | Explosion proof encapsulated electrical part "mb", 32 mm                                 | 5.0               | 4.0               | -40°C to +65°C      | -  | IP65                 | II 2 G Ex mb IIC T4/T5             | 453  |
| 482606         | 1.1        | Explosion proof encapsulated electrical part "mb", low power, 32 mm                      | 2.5               | 2.0               | -40°C to +65°C      | -  | IP65                 | II 2 G Ex mb IIC T4/T5             | 453  |
| 492070         | 2.0/2.1    | Explosion proof encapsulated electrical part "mb", with water proof metal housing, 50 mm | 8.0               | 9.0               | -40°C to +65°C      | -  | IP67                 | II 2 G Ex mb IIC T4/T5             | 454  |
| HZ10           | 2.0/2.1    | Explosion proof encapsulated electrical part "mb", double frequency                      | 8.0               | 8.0               | -40°C to +85°C      | -  | IP65                 | II 2 G - Ex mb IIC T3/T4/T5        | 455  |
| HZ11           | 2.0/2.2    | Explosion proof encapsulated electrical part "mb", double frequency                      | 14.0              | 14                | -40°C to +85°C      | -  | IP65                 | II 2 G - Ex mb IIC T3/T4/T5        | 456  |
| 497105         | 10.3       | Flame proof electrical part "db", 50 mm                                                  | 8.0               | 8.0               | -50°C to +80°C      | -  | IP66                 | II 2 G Ex db IIC T4/T5/T6          | 452  |
| 493640         | 2.0/2.1    | Flame proof encapsulated electrical part "db mb", double frequency                       | 8.0               | 8.0               | -40°C to +75°C      | -  | IP65                 | II 2 G Ex db mb IIC T4/T5          | 461  |
| 495905         | 2.0/2.1    | Flame proof encapsulated electrical part "db mb", 37 mm                                  | 8.0               | 8.0               | -40°C to +65°C      | -  | IP67                 | II 2 G Ex db mb IIC T4             | 458  |
| 496560         | 10.1       | Flame proof encapsulated electrical part "db mb", 37 mm                                  | 8.0               | 8.0               | -40°C to +80°C      | -  | IP67                 | II 2 G Ex db mb IIC T4             | 459  |
| 496800         | 10.1       | Flame proof encapsulated electrical part "db mb", 37 mm                                  | 8.0               | 8.0               | -40°C to +65°C      | -  | IP67                 | II 2 G Ex db mb IIC T4             | 460  |
| 495900         | 6.0        | Flame proof encapsulated electrical part "db mb", low power, 37 mm                       | 2.0               | 2.5               | -40°C to +65°C      | -  | IP67                 | II 2 G Ex db mb IIC T4/T5/T6       | 457  |
| 496555         | 10.2       | Flame proof encapsulated electrical part "db mb", 37 mm                                  | 6.0               | 6.0               | -40°C to +80°C      | -  | IP67                 | II 2 G Ex db mb IIC T4/T5/T6       | 459  |
| 496700         | 10.2       | Flame proof encapsulated electrical part "db mb", 37 mm                                  | 6.0               | 6.0               | -40°C to +65°C      | -  | IP67                 | II 2 G Ex db mb IIC T4/T5/T6       | 460  |
| 494040         | 2.0/2.1    | Explosion proof increased safety electrical part "eb", 50 mm                             | 8.0               | 8.0               | -40°C to +90°C      | -  | IP67                 | II 2 G Ex eb IIC T3/T4             | 462  |
| 483371         | 2.0/2.1    | Explosion proof increased safety electrical part "eb", 50 mm                             | 8.0               | 8.0               | -40°C to +65°C      | -  | IP67                 | II 2 G Ex eb IIC T4                | 462  |
| 492190         | 2.0/2.1    | Explosion proof increased safety and encapsulated elect. part "eb", 50 mm                | 9.0               | 11.0              | -40°C to +75°C      | -  | IP66                 | II 2 G Ex eb mb IIC T3/T4          | 465  |
| 492310         | 10.1       | Explosion proof increased safety and encapsulated electrical part "eb", 50 mm            | 6.0               | 6.0               | -40°C to +75°C      | -  | IP66                 | II 2 G Ex eb mb IIC T4/T5          | 463  |
| 492210         | 9.0        | Explosion proof increased safety and encapsulated electrical part "eb", "Booster", 50 mm | 1.0 to 1.8        | -                 | -40°C to +75°C      | -  | IP66                 | II 2 G Ex eb mb IIC T5/T6          | 464  |
| 495910         | 8.0        | Explosion proof intrinsically safe electrical part "ia", "booster", 37 mm                | 0.3 to 1.2        | -                 | -40°C to +80°C      | -  | IP67                 | II 1 G Ex ia IIC T4/T5/T6          | 467  |
| 496565         | 9.0        | Explosion proof intrinsically safe electrical part "ia", "Booster", 37 mm                | 0.77 to 2.58      | -                 | -40°C to +80°C      | -  | IP67                 | II 1 G Ex ia IIC T4/T5/T6          | 468  |
| 483580.01      | 7.0        | Explosion proof intrinsically safe electrical part "ia", 32 mm                           | 3.0               | -                 | -40°C to +55°C      | -  | IP65                 | II 1 G Ex ia IIC T6                | 466  |
| 488650.01      | 7.0        | Explosion proof intrinsically safe electrical part "ia", 50 mm                           | 0.3 to 3.0        | -                 | -40°C to +65°C      | -  | IP66                 | II 1 G Ex ia IIC T6                | 470  |
| 492965.01      | 9.0        | Explosion proof intrinsically safe electrical part "ia", "Booster", 50 mm                | 0.3 to 2.3        | -                 | -40°C to +65°C      | -  | IP66                 | II 1 G Ex ia IIC T6                | 469  |
| 482870.01      | 12.0       | Explosion proof intrinsically safe electrical part "ia", 50 mm                           | 3.0               | -                 | -40°C to +65°C      | -  | IP66                 | II 1 G Ex ia IIC T6                | 471  |
| 490885         | 7.0        | Explosion proof intrinsically safe electrical part, "NEMA", 50 mm                        | 3.0               | -                 | -40°C to +60°C      | -  | NEMA 4 - 4X          | Cl. I, Div.I, Gr. A, B, C, D       | 470  |

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## REDUCED POWER COIL 32 mm

These coils can be mounted with every Parker solenoid valves corresponding to the specified Coil Group.

See column "Coil Group" within valve pages.

This is an encapsulated assembly comprising a coil, integral magnetic iron path and snap-on plug connection.

The synthetic material encapsulation provides an effective compact housing, offering full protection against dust, oil, water, etc.

Ease of mounting in confined space - offers shock and corrosion protection - simplifies conversion of existing equipment to other requirements, etc.

Coils conform to the IEC/CENELEC safety standards and complies with European low-voltage directive.



| Specification                                   |    |                 | Reduced power                                                                            |     |      |
|-------------------------------------------------|----|-----------------|------------------------------------------------------------------------------------------|-----|------|
| Ref. (without DIN plug)<br>Ref. (with DIN plug) |    |                 | 482730                                                                                   |     |      |
| Coil Group                                      |    |                 | 3.0                                                                                      |     |      |
| Degree of protection                            |    |                 | IP65 according to IEC / EN 60529 standards (with DIN plug).                              |     |      |
| Class of insulation                             |    |                 | F 155°C                                                                                  |     |      |
| Electrical connection                           |    |                 | The coil is connected with a 2 P + E plug according to EN 175301-803 type A              |     |      |
| Ambient temperature                             |    |                 | -40°C to +50°C<br>The application is limited also by the temperature range of the valve. |     |      |
| Elect. Power                                    | DC | Pn (hot)        | 7 W                                                                                      |     |      |
|                                                 |    | P (cold) 20°C   | 9 W                                                                                      |     |      |
|                                                 | AC | Pn (holding)    | 6 W                                                                                      |     |      |
|                                                 |    | Attraction cold | 20 VA (7 W)                                                                              |     |      |
| Weight                                          |    |                 | 130 g (without plug)                                                                     |     |      |
| Voltages "Un"                                   |    | VAC/Hz          | Code                                                                                     | VDC | Code |
| -10% to +10% of the Un                          |    | 220-230/50      | 3D                                                                                       | 24  | C2   |

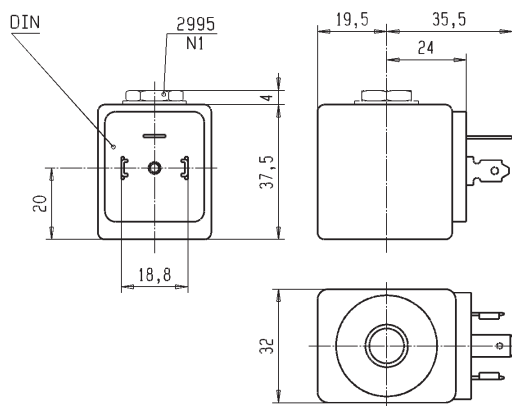
To Order a Coil choose Coil Ref + Voltage Code, example: 482730 for 24 VDC = 482730C2

More voltage possibilities can be found in the table of voltage codes at the end of the coil section.

These coils must be used with suitable housings, see example below:

Please use the coil assembly kit Ref. 2995.

It is composed of a nameplate giving details of the valve type, a round washer and a nut to ensure the fixing between 32 mm coil and the valve.





ELECTRICAL PART 32 mm

These coils can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.  
See column "Coil Group" within valve pages.

Application: Control of solenoid valves in dangerous areas where explosion-proof protection Ex nAc nCc IIC T3/T4 is required.

Ease of mounting in confined space - offers shock and corrosion protection- simplifies conversion of existing equipment to other requirements, etc.

Benefits:

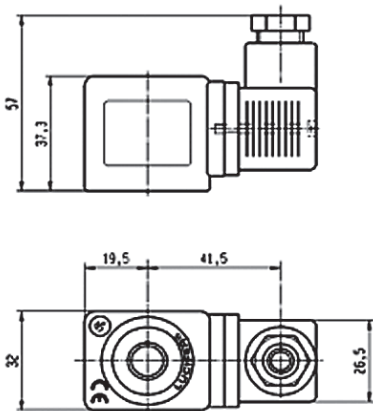
The synthetic material encapsulation of the coil provides an effective compact housing, offering full protection against dust, oil, water, etc.

Small size for ease of mounting in confined spaces.



| Specification          |    |                 | 32 mm Coil "nAc nCc"                                                                            |       |     |      |
|------------------------|----|-----------------|-------------------------------------------------------------------------------------------------|-------|-----|------|
| Reference              |    |                 | 495875                                                                                          |       |     |      |
| Certificate            |    |                 | LCIE 05 ATEX 6003 X                                                                             |       |     |      |
| Coil Group             |    |                 | 3.0                                                                                             |       |     |      |
| Type of protection     |    | Gas             | II 3 G Ex nAc nCc IIC T3/T4                                                                     |       |     |      |
|                        |    | Dust            | II 3 D - Ex tc IIIC - T195°C / T130°C                                                           |       |     |      |
| Degree of protection   |    |                 | IP65 (with plug) according to IEC/EN 60529 Standards                                            |       |     |      |
| Insulation Class       |    |                 | F 155°C                                                                                         |       |     |      |
| Duty cycle             |    |                 | 100%                                                                                            |       |     |      |
| Ambiant temperature    |    |                 | -40°C to +65°C / 50°C<br>The application is limited also by the temperature range of the valve. |       |     |      |
| Elect. Power           | DC | Pn (hot)        | 7 W                                                                                             |       |     |      |
|                        |    | P (cold) 20°C   | -                                                                                               |       |     |      |
|                        | AC | Pn (holding)    | 6 W                                                                                             |       |     |      |
|                        |    | Attraction cold | -                                                                                               |       |     |      |
|                        |    | Weight          |                                                                                                 | 180 g |     |      |
| Voltages "Un"          |    |                 | VAC/Hz                                                                                          | Code  | VDC | Code |
| -10% to +10% of the Un |    |                 | 220-230/50                                                                                      | 3D    | 24  | C2   |

To Order a Coil choose Coil Ref + Voltage Code, example: 495875 for 24 VDC = 495875C2



## TABLE OF VOLTAGE CODES FOR COILS AND ELECTRICAL PARTS

This table is showing the most commonly used voltage codes, for other voltages, please ask us.

| VOLTAGE CODES |       |           | C1    | C2    | N7    | L8    | C4    | C5     |        | C7     | E6     | P1        | A5     | 0A         | S5                   | P2        | 1P            | 6J         | 0P            | P3            | K8     |
|---------------|-------|-----------|-------|-------|-------|-------|-------|--------|--------|--------|--------|-----------|--------|------------|----------------------|-----------|---------------|------------|---------------|---------------|--------|
| Coil          | Group | Sub-Group | 12 DC | 24 DC | 28 DC | 30 DC | 48 DC | 110 DC | 196 DC | 220 DC | 100/50 | 100/50-60 | 110/50 | 110-115/50 | 110-115/50<br>120/60 | 110/50-60 | 110-115/50-60 | 110-115/60 | 100/50-115/60 | 110/50-120/60 | 115/60 |
| 484990        | 4.0   | -         |       |       |       |       |       |        |        |        |        | •         |        |            |                      |           | •             |            |               |               |        |
| 485400        | 4.0   | -         | •     | •     |       |       | •     | •      |        |        |        |           |        |            |                      |           |               |            |               |               |        |
| 495915        | 4.0   | -         |       | •     |       |       | •     |        |        |        |        |           |        |            |                      |           | •             |            |               |               |        |
| 482740        | 6.0   | -         |       | •     |       |       | •     | •      |        |        |        |           |        |            |                      |           |               |            |               |               |        |
| 482745        | 6.0   | -         |       | •     |       |       |       |        |        |        |        |           |        |            |                      |           |               |            |               |               |        |
| 495900        | 6.0   | -         | •     | •     |       |       | •     | •      |        |        |        |           |        |            |                      |           |               |            |               |               | •      |
| 496125        | 6.0   | -         |       | •     |       |       | •     | •      |        |        |        |           |        |            |                      |           |               |            |               |               |        |
| 483580.01     | 7.0   | -         |       |       | •     |       |       |        |        |        |        |           |        |            |                      |           |               |            |               |               |        |
| 488650.01     | 7.0   | -         |       |       | •     |       |       |        |        |        |        |           |        |            |                      |           |               |            |               |               |        |
| 488660.01     | 7.0   | -         |       |       | •     |       |       |        |        |        |        |           |        |            |                      |           |               |            |               |               |        |
| 488670.01     | 7.0   | -         |       |       | •     |       |       |        |        |        |        |           |        |            |                      |           |               |            |               |               |        |
| 490885        | 7.0   | -         |       |       |       | •     |       |        |        |        |        |           |        |            |                      |           |               |            |               |               |        |
| 490890        | 7.0   | -         |       |       | •     | •     |       |        |        |        |        |           |        |            |                      |           |               |            |               |               |        |
| 495910        | 8.0   | -         |       |       | •     |       |       |        |        |        |        |           |        |            |                      |           |               |            |               |               |        |
| 492210        | 9.0   | -         |       | •     |       |       |       |        |        |        |        |           |        |            |                      |           |               |            |               |               |        |
| 492965.01     | 9.0   | -         |       |       | •     |       |       |        |        |        |        |           |        |            |                      |           |               |            |               |               |        |
| 496565        | 9.0   | -         |       |       | •     |       |       |        |        |        |        |           |        |            |                      |           |               |            |               |               |        |
| 492300        | 10.1  | -         | •     | •     |       |       | •     | •      |        | •      |        |           |        |            |                      | •         |               |            |               |               |        |
| 492310        | 10.1  | -         | •     | •     |       |       | •     | •      |        | •      |        |           |        |            |                      | •         |               |            |               |               |        |
| 496560        | 10.1  | -         |       | •     |       |       | •     | •      |        |        |        |           |        |            |                      | •         |               |            |               |               |        |
| 496800        | 10.1  | -         |       | •     |       |       | •     | •      |        |        |        |           |        |            |                      | •         |               |            |               |               |        |
| 496800.02     | 10.1  | -         |       | •     |       |       | •     | •      |        |        |        |           |        |            |                      | •         |               |            |               |               |        |
| 496895        | 10.1  | -         |       | •     |       |       | •     | •      |        |        |        |           |        |            |                      | •         |               |            |               |               |        |
| 496555        | 10.2  | -         |       | •     |       |       | •     | •      |        |        |        |           |        |            |                      | •         |               |            |               |               |        |
| 496700        | 10.2  | -         |       | •     |       |       | •     | •      |        |        |        |           |        |            |                      | •         |               |            |               |               |        |
| 496700.02     | 10.2  | -         |       | •     |       |       | •     | •      |        |        |        |           |        |            |                      | •         |               |            |               |               |        |
| 497105        | 10.3  | -         | •     | •     |       |       | •     | •      |        |        |        |           |        |            |                      |           | •             |            |               |               |        |
| 492335        | 12.0  | -         |       |       |       | •     |       |        |        |        |        |           |        |            |                      |           |               |            |               |               |        |
| 482870.01     | 12.0  | -         |       |       | •     |       |       |        |        |        |        |           |        |            |                      |           |               |            |               |               |        |
| 495294        | 13.0  | -         | •     | •     |       |       |       |        |        |        |        |           |        |            |                      |           |               |            |               |               |        |
| 496193        | 13.0  | -         | •     | •     |       |       |       |        |        |        |        |           |        |            |                      |           |               |            |               |               |        |
| 483824        | 14.1  | -         |       |       |       |       |       |        |        |        |        |           |        |            |                      |           |               |            |               |               |        |
| 483764        | 14.2  | -         |       |       |       |       |       |        |        |        |        |           |        |            |                      |           |               |            |               |               |        |
| 483541        | 14.3  | -         |       |       |       |       |       |        |        |        |        |           |        |            |                      |           |               |            |               |               |        |

## INDEX BY COIL REFERENCE

| Coil Reference | Coil Group | Designation                                                                                                       | Power DC Pn ( W ) | Power AC Pn (W) | Ambient Temperature            | UL | Degree of Protection | ATEX or NEMA 4X Protection ( Gas ) | Page |
|----------------|------------|-------------------------------------------------------------------------------------------------------------------|-------------------|-----------------|--------------------------------|----|----------------------|------------------------------------|------|
| 495905         | 2.0/2.1    | Flame proof encapsulated electrical part "db mb", 37 mm                                                           | 8.0               | 8.0             | -40°C to +65°C                 | -  | IP67                 | II 2 G Ex db mb IIC T4             | 458  |
| 495910         | 8.0        | Explosion proof intrinsically safe electrical part "ia", "booster", 37 mm                                         | 0.3 to 1.2        | -               | -40°C to +80°C                 | -  | IP67                 | II 1 G Ex ia IIC T4/T5/T6          | 467  |
| 495915         | 4.0        | Explosion proof increased safety electrical part "nAc nCc", 50 mm                                                 | 13.0              | 11.0            | -40°C to +65°C                 | -  | IP67                 | II 3 G Ex nAc nCc IIC T3           | 450  |
| 496081         | 2.0/2.1    | Coil with flying leads, IP 67, 32 mm                                                                              | 9.0               | 9.0             | -40°C to +50°C                 | -  | IP67                 | -                                  | 432  |
| 496110         | 2.0/2.1    | Explosion proof electrical part "nAc nCc", 32 mm                                                                  | -                 | 9.0             | -40°C to +50°C                 | -  | IP65                 | II 3 G Ex nAc nCc IIC T3/T4        | 446  |
| 496125         | 6.0        | Explosion proof electrical part "nAc nCc", low power, 32 mm                                                       | 1.6               | -               | -40°C to +50°C                 | -  | IP65                 | II 3 G Ex nAc nCc IIC T5/T6        | 447  |
| 496131         | 1.2        | Coil for DIN plug connection, double frequency, 22 mm                                                             | 3.0               | 3.0             | -40°C to +50°C                 | -  | IP65                 | -                                  | 429  |
| 496155         | 2.0/2.2    | Explosion proof increased safety electrical part "nAc nCc", 50 mm                                                 | 14.0              | 14.0            | -40°C to +65°C                 | -  | IP67                 | II 3 G Ex nAc nCc IIC T3           | 451  |
| 496193         | 13.0       | Coil with ISO-DIN connector, 12-24VDC, for transportation applications, 32 mm                                     | 9.0               | -               | -40°C to +120°C                | -  | IP69K                | -                                  | 441  |
| 496482         | 1.2        | Coil for DIN plug connection, double frequency coil, 22 mm                                                        | 3.0               | 3.0             | -40°C to +50°C                 | -  | IP65                 | -                                  | 430  |
| 496555         | 10.2       | Flame proof encapsulated electrical part "db mb", 37 mm                                                           | 6.0               | 6.0             | -40°C to +65°C                 | -  | IP67                 | II 2 G Ex db mb IIC T4/T5/T6       | 459  |
| 496560         | 10.1       | Flame proof encapsulated electrical part "db mb", 37 mm                                                           | 8.0               | 8.0             | -40°C to +65°C                 | -  | IP67                 | II 2 G Ex db mb IIC T4             | 459  |
| 496565         | 9.0        | Explosion proof intrinsically safe electrical part "ia", "Booster", 37 mm                                         | 0.77 to 2.58      | -               | -40°C to +80°C                 | -  | IP67                 | II 1 G Ex ia IIC T4/T5/T6          | 468  |
| 496637         | 1.2        | Explosion proof electrical part "nAc nCc", double frequency, 22 mm                                                | 3.0               | 3.0             | -20°C to +50°C                 | -  | IP65                 | II 3 D Ex TC IIC T 95°C            | 445  |
| 496700         | 10.2       | Flame proof encapsulated electrical part "db mb", 37 mm                                                           | 6.0               | 6.0             | -40°C to +65°C                 | -  | IP67                 | II 2 G Ex db mb IIC T4 / T5 / T6   | 460  |
| 496800         | 10.1       | Flame proof encapsulated electrical part "db mb", 37 mm                                                           | 8.0               | 8.0             | -40°C to +65°C                 | -  | IP67                 | II 2 G Ex db mb IIC T4             | 460  |
| 496895         | 10.1       | Coil for DIN plug connection for oil and gas, 37 mm                                                               | 8.0               | 8.0             | -40°C to +50°C                 | -  | IP65                 | -                                  | 431  |
| 497105         | 10.3       | Flame proof stainless steel electrical part "db", M20x1.5                                                         | 8.0               | 8.0             | -50°C to +80°C / +60°C / +40°C | -  | IP66                 | II 2 G Ex db IIC T4/T5/T6          | 452  |
| 482606.160     | 1.1        | Explosion proof encapsulated electrical part "mb", low power, 32 mm                                               | 2.5               | 2.0             | -40°C to +65°C / +35°C         | -  | IP65                 | II 2 G Ex mb IIC T4/T5             | 453  |
| 492070.160     | 2.0/2.1    | Explosion proof encapsulated electrical part "mb", with water proof metal housing, 50mm ( with 6 m cable length ) | 8.0               | 9.0             | -40°C to +65°C                 | -  | IP67                 | II 2 G Ex mb IIC T4/T5             | 454  |
| 483580.01      | 7.0        | Explosion proof intrinsically safe electrical part "ia", 32 mm                                                    | 3.0               | -               | -40°C to +55°C                 | -  | IP65                 | II 1 G Ex ia IIC T6                | 466  |
| 483960.01      | 7.0        | Explosion proof intrinsically safe electrical part "ia", 32 mm                                                    | 3.0               | -               | -40°C to +55°C                 | -  | IP65                 | II 1 G Ex ia IIC T6                | 466  |
| 488650.01      | 7.0        | Explosion proof intrinsically safe electrical part "ia", 50 mm                                                    | 0.3 to 3.0        | -               | -40°C to +65°C                 | -  | IP66                 | II 1 G Ex ia IIC T6                | 470  |
| 492965.01      | 9.0        | Explosion proof intrinsically safe electrical part "ia", "Booster", 50 mm (stainless steel fixation)              | 0.3 to 2.3        | -               | -40°C to +65°C                 | -  | IP66                 | II 1 G Ex ia IIC T6                | 469  |
| 492965.02      | 9.0        | Explosion proof intrinsically safe electrical part "ia", "Booster", 50 mm (Plastic fixation)                      | 0.3 to 2.3        | -               | -40°C to +65°C                 | -  | IP66                 | II 1 G Ex ia IIC T6                | 469  |
| 493640.60*     | 2.0/2.1    | Flame proof encapsulated electrical part "db mb", double frequency                                                | 8.0               | 8.0             | -40°C to +75°C                 | -  | IP65                 | II 2 G Ex db mb IIC T4/T5          | 461  |
| 495905.05*     | 2.0/2.1    | Flame proof encapsulated electrical part "db mb", 37 mm                                                           | 8.0               | 8.0             | -40°C to +65°C                 | -  | IP67                 | II 2 G Ex db mb IIC T4             | 458  |
| 496700.02      | 10.2       | Flame proof encapsulated electrical part "db mb", 37 mm                                                           | 6.0               | 6.0             | -40°C to +65°C                 | -  | IP67                 | II 2 G Ex db mb IIC T4 / T5 / T6   | 460  |
| 496800.02      | 10.1       | Flame proof encapsulated electrical part "db mb", 37 mm                                                           | 8.0               | 8.0             | -40°C to +65°C                 | -  | IP67                 | II 2 G Ex db mb IIC T4             | 460  |
| 497105.02      | 10.3       | Flame proof stainless steel electrical part "db", NPT 1/2"                                                        | 8.0               | 8.0             | -50°C to +80°C / +60°C / +40°C | -  | IP66                 | II 2 G Ex db IIC T4/T5/T6          | 452  |
| HZ10           | 2.0/2.1    | Explosion proof encapsulated electrical part "mb", double frequency                                               | 8.0               | 8.0             | -40°C to +85°C                 | -  | IP65                 | II 2 G Ex mb IIC T3/T4/T5          | 455  |
| HZ11           |            | Explosion proof encapsulated electrical part "mb", double frequency                                               | 14.0              | 14.0            | -40°C to +85°C                 | -  | IP65                 | II 2 G Ex mb IIC T3/T4/T5          | 456  |