

Solenoids group 13B, standard voltages

| | Power consumption | | Rated current | | Protection class IP/NEMA | Ex-Protection (ATEX-Category) | Temperature Ambient/ Media (°C) | Electrical connection | Drawing No. | Circuit diagram No. | Model |
|--|-------------------|--------------------|--------------------|---------------------|-----------------------------|--|---|--|----------------|---------------------------|-------|
| | 24 V d.c. (W) | 230 V a.c. (VA) | 24 V d.c. (m A) | 230 V a.c. (m A) | | | | | | | |
| | 8,0 | — | 331 | — | IP65 (with connector) | — | -25 ... +60 Media: +80 max | Connector DIN EN 175301-803, form A *1) | 1 | 1 | 0246 |
| | — | 9,2 | — | 40 | IP65 (with connector) | — | -25 ... +60 Media: +80 max | Connector DIN EN 175301-803, form A *1) | 2 | 7 | 3206 |
| | 8,0 | — | 331 | — | IP65 (with connector) | II 3G Ex nA IIC T4 Gc II 3D Ex tc IIIB T110°C Dc | -20 ... +60 | Special connector DIN EN 175301-803 Form A | 1 | 1 | 3216 |
| | - | 9,2 | - | 40 | IP65 (with connector) | II 3G Ex nA IIC T4 Gc II 3D Ex tc IIIB T120°C Dc | -20 ... +60 | Special connector DIN EN 175301-803 Form A | 2 | 6 | 3218 |
| | 6,9 | - | 289 | - | IP66 | II 2G Ex mb IIC T4 Gb II 2D Ex mb IIIC T110°C Db | -20 ... +60 | Cable length 3 m | 5 | 4 | 0292 |
| | - | 8,7 | - | 34 | IP66 | II 2G Ex mb IIC T4 Gb II 2D Ex mb IIIC T110°C Db | -20 ... +60 | Cable length 3 m | 5 | 7 | 0293 |
| | 3,9 | - | 162 | - | IP66 (with cable gland) | II 2G Ex eb mb IIC T4/T6 Gb II 2D Ex tb IIIC T130°C Db | T4: -40 ...+80 T6: -40 ... +55 -40 ...+80 | M20 x 1,5 *1) | 6 | 4 | 4210 |
| | - | 5,3 | - | 23 | IP66 (with cable gland) | II 2G Ex eb mb IIC T4/T6 Gb II 2D Ex tb IIIC T130°C Db | T4: -40 ...+80 T6: -40 ... +55 -40 ...+80 | M20 x 1,5 *1) | 6 | 7 | 4211 |
| | 3,9 | - | 162 | - | IP66 (with cable gland) | II 2G Ex db mb IIC T4/T6 Gb II 2G Ex eb mb IIC T4/T6 Gb II 2D Ex tb IIIC T130°C Db | T4: -40 ...+80 T6: -40 ... +55 -40 ...+80 | 1/2 NPT *1) | 7 | 20 | 4610 |
| | - | 5,3 | - | 23 | IP66 (with cable gland) | II 2G Ex db mb IIC T4/T6 Gb II 2G Ex eb mb IIC T4/T6 Gb II 2D Ex tb IIIC T130°C Db | T4: -40 ...+80 T6: -40 ... +55 -40 ...+80 | 1/2 NPT *1) | 7 | 21 | 4611 |
| | 3,9 | - | 162 | - | IP66 (with cable gland) | II 2G Ex db mb IIC T4/T6 Gb II 2G Ex eb mb IIC T4/T6 Gb II 2D Ex tb IIIC T130°C Db | T4: -40 ...+80 T6: -40 ... +55 -40 ...+80 | M20 x 1,5 *1) | 7 | 20 | 4612 |
| | — | 5,3 | — | 23 | IP66 (with cable gland) | II 2G Ex db mb IIC T4/T6 Gb II 2G Ex eb mb IIC T4/T6 Gb II 2D Ex tb IIIC T130°C Db | T4: -40 ...+80 T6: -40 ... +55 -40 ...+80 | M20 x 1,5 *1) | 7 | 21 | 4613 |
| | 5,5 | — | 228 | — | 4x | Cl. I, Div. 1, Gr. A - D Cl. II/III, Div. 1, Gr. E - G T3C (160°C) | -20 ... +60 | Flying leads length 460 mm | 8 | 1 | 3722 |
| | — | 5,9 | — | 26 | 4x | Cl. I, Div. 1, Gr. A - D Cl. II/III, Div. 1, Gr. E - G T3C (160°C) | -20 ... +60 | Flying leads length 460 mm | 8 | 5 | 3723 |

Standard voltages (±10%) 24 V d.c., 230 V a.c., other voltages on request. Design according to VDE 0580, EN 50014/50028. 100% duty cycle.

*1) Connector/cable gland is not scope of delivery, see table »Accessories«

Attention: The protection class for coil series 46xx and 48xx is determined by the choice of cable gland.

Example: if an ATEX-certified cable gland is used that has Ex d type of protection, the solenoid will have the protection class Ex d mb; if a cable gland with Ex e type of protection is used, the solenoid will have protection class Ex e mb.

Approvals

| Model | Approvals ATEX | IECEX | FM | Datasheet |
|------------|------------------------------|--------------------|----------------|--------------|
| 029x | KEMA 02 ATEX 1347 X | IECEX DEK 13.0014X | — | N/en 7.1.505 |
| 321x, 381x | EC-Declaration of Conformity | — | — | N/en 7.1.570 |
| 372x, 382x | — | — | CSA-LR 57643-6 | N/en 7.1.575 |

| Model | Approvals ATEX | IECEX | Datasheet |
|-------|---------------------|--------------------|--------------|
| 42xx | KEMA 98 ATEX 4452 X | IECEX KEM 09.0068X | N/en 7.1.580 |
| 46xx | PTB 02 ATEX 2085 X | IECEX PTB 11.0094X | N/en 7.1.585 |

Solenoids group 13D, standard voltages

| | Power consumption | | Rated current | | Protection class IP/NEMA | Ex-Protection (ATEX-Category) | Temperature Ambient/ Media (°C) | Electrical connection | Drawing No. | Circuit diagram No. | Model |
|---|-------------------|--------------------|-------------------|--------------------|-----------------------------|--|---|--|----------------|---------------------------|-------|
| | 24 V d.c. (W) | 230 V a.c. (VA) | 24 V d.c. (mA) | 230 V a.c. (mA) | | | | | | | |
|  | 16,9 | — | 703 | — | IP65 (with connector) | — | -25 ... +60 Media: +80 max | Connector DIN EN 175301-803, form A *1) | 3 | 1 | 0700 |
| | — | 19,5 | — | 75 | IP65 (with connector) | — | -25 ... +60 Media: +80 max | Connector DIN EN 175301-803, form A *1) | 4 | 6 | 3703 |
|  | 11,4 | — | 475 | — | IP66 (with cable gland) | II 2G Ex eb mb IIC T4/T5 Gb II 2D Ex tb IIIC T130°C Db | T4: -40 ... +50 T5: -40 ... +40 -40 ... +50 | M20 x 1,5 *1) | 6 | 4 | 4230 |
| | — | 15,2 | — | 66 | IP66 (with cable gland) | II 2G Ex eb mb IIC T4/T5 Gb II 2D Ex tb IIIC T130°C Db | T4: -40 ... +50 T5: -40 ... +40 -40 ... +50 | M20 x 1,5 *1) | 6 | 7 | 4231 |
|  | 11,4 | — | 475 | — | IP66 (with cable gland) | II 2G Ex db mb IIC T4/T6 Gb II 2G Ex eb mb IIC T4/T6 Gb II 2D Ex tb IIIC T130°C Db | T4: -40 ... +50 T5: -40 ... +40 -40 ... +50 | 1/2 NPT *1) | 7 | 20 | 4630 |
| | — | 15,2 | — | 66 | IP66 (with cable gland) | II 2G Ex db mb IIC T4/T6 Gb II 2G Ex eb mb IIC T4/T6 Gb II 2D Ex tb IIIC T130°C Db | T4: -40 ... +50 T5: -40 ... +40 -40 ... +50 | 1/2 NPT *1) | 7 | 21 | 4631 |
| | 11,4 | — | 475 | — | IP66 (with cable gland) | II 2G Ex db mb IIC T4/T6 Gb II 2G Ex eb mb IIC T4/T6 Gb II 2D Ex tb IIIC T130°C Db | T4: -40 ... +50 T5: -40 ... +40 -40 ... +50 | M20 x 1,5 *1) | 7 | 20 | 4632 |
| | — | 15,2 | — | 66 | IP66 (with cable gland) | II 2G Ex db mb IIC T4/T6 Gb II 2G Ex eb mb IIC T4/T6 Gb II 2D Ex tb IIIC T130°C Db | T4: -40 ... +50 T5: -40 ... +40 -40 ... +50 | M20 x 1,5 *1) | 7 | 21 | 4633 |
|  | 13,6 | — | 567 | — | 4x | Cl. I, Div. 1, Gr. A - D Cl. II/III, Div. 1, Gr. E - G T3C (160°C) | -20 ... +60 | Flying leads length 460 mm | 8 | 1 | 3726 |
| | — | 15,7 | — | 68 | 4x | Cl. I, Div. 1, Gr. A - D Cl. II/III, Div. 1, Gr. E - G T3C (160°C) | -20 ... +60 | Flying leads length 460 mm | 8 | 5 | 3727 |

Standard voltages (±10%) 24 V d.c., 230 V a.c., other voltages on request. Design according to VDE 0580, EN 50014/50028. 100% duty cycle.

*1) Connector/cable gland is not scope of delivery, see table »Accessories«

Attention: The protection class for coil series 46xx and 48xx is determined by the choice of cable gland.

Example: if an ATEX-certified cable gland is used that has Ex d type of protection, the solenoid will have the protection class Ex d mb; if a cable gland with Ex e type of protection is used, the solenoid will have protection class Ex e mb.

Approvals

| Model | Approvals ATEX | IECEX | FM | Datasheet |
|------------|------------------------------|--------------------|----------------|--------------|
| 321x, 381x | EC-Declaration of Conformity | — | — | N/en 7.1.570 |
| 372x, 382x | — | — | CSA-LR 57643-6 | N/en 7.1.575 |
| 42xx | KEMA 98 ATEX 4452 X | IECEX KEM 09.0068X | — | N/en 7.1.580 |
| 46xx | PTB 02 ATEX 2085 X | IECEX PTB 11.0094X | — | N/en 7.1.585 |

Solenoids group 16C, standard voltages

| | Power consumption | | Rated current | | Protection class IP/NEMA | Ex-Protection (ATEX-Category) | Temperature Ambient/ Media (°C) | Electrical connection | Drawing No. | Circuit diagram No. | Model |
|--|-------------------|--------------------|--------------------|---------------------|-----------------------------|--|---|--|----------------|---------------------------|-------|
| | 24 V d.c. (W) | 230 V a.c. (VA) | 24 V d.c. (m A) | 230 V a.c. (m A) | | | | | | | |
| | 6,8 | — | 284 | — | IP65 (with connector) | — | -25 ... +60 | Connector DIN EN 175301-803, form A *1) | 2 | 1 | 0827 |
| | — | 10,6 | — | 46 | IP65 (with connector) | — | -25 ... +60 | Connector DIN EN 175301-803, form A *1) | 3 | 6 | 3805 |
| | 8,9 | — | 369 | — | IP66 (with cable gland) | II 2G Ex eb mb IIC T4/T5 Gb II 2D Ex tb IIIC T130°C Db | T4: -40 ... +65 T5: -40 ... +55 -40 ... +65 | M20 x 1,5 *1) | 6 | 4 | 4270 |
| | — | 10,0 | — | 43 | IP66 (with cable gland) | II 2G Ex eb mb IIC T4/T5 Gb II 2D Ex tb IIIC T130°C Db | T4: -40 ... +65 T5: -40 ... +55 -40 ... +65 | M20 x 1,5 *1) | 6 | 7 | 4271 |
| | 8,9 | — | 369 | — | IP66 (with cable gland) | II 2G Ex db mb IIC T4/T6 Gb II 2G Ex eb mb IIC T4/T6 Gb II 2D Ex tb IIIC T130°C Db | T4: -40 ... +70 T6: -40 ... +40 -40 ... +70 | 1/2 NPT *1) | 7 | 20 | 4670 |
| | — | 10,0 | — | 43 | IP66 (with cable gland) | II 2G Ex db mb IIC T4/T6 Gb II 2G Ex eb mb IIC T4/T6 Gb II 2D Ex tb IIIC T130°C Db | T4: -40 ... +70 T6: -40 ... +40 -40 ... +70 | 1/2 NPT *1) | 7 | 21 | 4671 |
| | 8,9 | — | 369 | — | IP66 (with cable gland) | II 2G Ex db mb IIC T4/T6 Gb II 2G Ex eb mb IIC T4/T6 Gb II 2D Ex tb IIIC T130°C Db | T4: -40 ... +70 T6: -40 ... +40 -40 ... +70 | M20 x 1,5 *1) | 7 | 20 | 4672 |
| | — | 10,0 | — | 43 | IP66 (with cable gland) | II 2G Ex db mb IIC T4/T6 Gb II 2G Ex eb mb IIC T4/T6 Gb II 2D Ex tb IIIC T130°C Db | T4: -40 ... +70 T6: -40 ... +40 -40 ... +70 | M20 x 1,5 *1) | 7 | 21 | 4673 |
| | 8,9 | — | 369 | — | 4x | Cl. I, Div. 1, Gr. A - D Cl. II/III, Div. 1, Gr. E - G T3C (160°C) | -20 ... +60 | Flying leads length 460 mm | 8 | 1 | 3824 |
| | — | 9,5 | — | 41 | 4x | Cl. I, Div. 1, Gr. A - D Cl. II/III, Div. 1, Gr. E - G T3C (160°C) | -20 ... +60 | Flying leads length 460 mm | 8 | 5 | 3825 |

Standard voltages (±10%) 24 V d.c., 230 V a.c., other voltages on request. Design according to VDE 0580, EN 50014/50028. 100% duty cycle.

*1) Connector/cable gland is not scope of delivery, see table »Accessories«






Attention: The protection class for coil series 46xx and 48xx is determined by the choice of cable gland.

Example: if an ATEX-certified cable gland is used that has Ex d type of protection, the solenoid will have the protection class Ex d mb; if a cable gland with Ex e type of protection is used, the solenoid will have protection class Ex e mb.

Approvals

| Model | Approvals ATEX | IECEX | FM | Datasheet |
|------------|---------------------|--------------------|----------------|--------------|
| 372x, 382x | — | — | CSA-LR 57643-6 | N/en 7.1.575 |
| 42xx | KEMA 98 ATEX 4452 X | IECEX KEM 09.0068X | — | N/en 7.1.580 |
| 46xx | PTB 02 ATEX 2085 X | IECEX PTB 11.0094X | — | N/en 7.1.585 |

Solenoids group 16D, standard voltages

| | Power consumption | | Rated current | | Protection class IP/NEMA | Ex-Protection (ATEX-Category) | Temperature Ambient/ Media (°C) | Electrical connection | Drawing No. | Circuit diagram No. | Model |
|---|-------------------|--------------------|--------------------|---------------------|-----------------------------|--|---|--|----------------|---------------------------|-------|
| | 24 V d.c. (W) | 230 V a.c. (VA) | 24 V d.c. (m A) | 230 V a.c. (m A) | | | | | | | |
|  | 16,9 | — | 703 | — | IP65 (with connector) | — | -25 ... +60 Media: +80 max | Connector DIN EN 175301-803, form A *1) | 3 | 1 | 0800 |
| | — | 17,3 | — | 75 | IP65 (with connector) | — | -25 ... +60 Media: +80 max | Connector DIN EN 175301-803, form A *1) | 4 | 6 | 3803 |
|  | 16,9 | — | 703 | — | IP65 (with connector) | II 3 G Ex nA II T4 II 3 D Ex tDA22 IP65 T130°C | -20 ... +60 | Special connector DIN EN 175301-803 Form A | 3 | 1 | 3817 |
| | — | 17,3 | — | 75 | IP65 (with connector) | II 3 G Ex nA II T4 II 3 D Ex tDA22 IP65 T120°C | -20 ... +50 | Special connector DIN EN 175301-803 Form A | 4 | 6 | 3819 |
|  | 11,4 | — | 475 | — | IP66 (with cable gland) | II 2G Ex eb mb IIC T4/T5 Gb II 2D Ex tb IIIC T130°C Db | T4: -40 ... +50 T5: -40 ... +40 -40 ... +50 | M20 x 1,5 *1) | 6 | 4 | 4280 |
| | — | 15,2 | — | 66 | IP66 (with cable gland) | II 2G Ex eb mb IIC T4/T5 Gb II 2D Ex tb IIIC T130°C Db | T4: -40 ... +50 T5: -40 ... +40 -40 ... +50 | M20 x 1,5 *1) | 6 | 7 | 4281 |
|  | 11,4 | — | 475 | — | IP66 (with cable gland) | II 2G Ex db mb IIC T4/T6 Gb II 2G Ex eb mb IIC T4/T6 Gb II 2D Ex tb IIIC T130°C Db | T4: -40 ... +50 T5: -40 ... +40 -40 ... +50 | 1/2 NPT *1) | 7 | 20 | 4680 |
| | — | 15,2 | — | 66 | IP66 (with cable gland) | II 2G Ex db mb IIC T4/T6 Gb II 2G Ex eb mb IIC T4/T6 Gb II 2D Ex tb IIIC T130°C Db | T4: -40 ... +50 T5: -40 ... +40 -40 ... +50 | 1/2 NPT *1) | 7 | 21 | 4681 |
|  | 11,4 | — | 475 | — | IP66 (with cable gland) | II 2G Ex db mb IIC T4/T6 Gb II 2G Ex eb mb IIC T4/T6 Gb II 2D Ex tb IIIC T130°C Db | T4: -40 ... +50 T5: -40 ... +40 -40 ... +50 | M20 x 1,5 *1) | 7 | 20 | 4682 |
| | — | 15,2 | — | 66 | IP66 (with cable gland) | II 2G Ex db mb IIC T4/T6 Gb II 2G Ex eb mb IIC T4/T6 Gb II 2D Ex tb IIIC T130°C Db | T4: -40 ... +50 T5: -40 ... +40 -40 ... +50 | M20 x 1,5 *1) | 7 | 21 | 4683 |
|  | 13,6 | — | 567 | — | 4x | Cl. I, Div. 1, Gr. A - D Cl. II/III, Div. 1, Gr. E - G T3C (160°C) | -20 ... +60 | Flying leads length 460 mm | 8 | 1 | 3826 |
| | — | 15,7 | — | 68 | 4x | Cl. I, Div. 1, Gr. A - D Cl. II/III, Div. 1, Gr. E - G T3C (160°C) | -20 ... +60 | Flying leads length 460 mm | 8 | 5 | 3827 |

Standard voltages (±10%) 24 V d.c., 230 V a.c., other voltages on request. Design according to VDE 0580, EN 50014/50028. 100% duty cycle.

*1) Connector/cable gland is not scope of delivery, see table »Accessories«

Attention: The protection class for coil series 46xx and 48xx is determined by the choice of cable gland.

Example: if an ATEX-certified cable gland is used that has Ex d type of protection, the solenoid will have the protection class Ex d mb; if a cable gland with Ex e type of protection is used, the solenoid will have protection class Ex e mb.

Approvals

| Model | Approvals ATEX | IECEX | FM | Datasheet |
|------------|---------------------|--------------------|----------------|--------------|
| 372x, 382x | — | — | CSA-LR 57643-6 | N/en 7.1.575 |
| 42xx | KEMA 98 ATEX 4452 X | IECEX KEM 09.0068X | — | N/en 7.1.580 |
| 46xx | PTB 02 ATEX 2085 X | IECEX PTB 11.0094X | — | N/en 7.1.585 |

Partnumbers for international approval

| Land/Approval | Coil/Code | 029x | 321x/381x | 372x/382x | 42xx | 46xx | 48xx |
|---|-----------|------|-----------|-----------|------|------|------|
| Europa/ATEX | Standard | x | x | - | x | x | x |
| International/IECEX | Standard | x | x | - | x | x | x |
| China/NEPSI | -01 | - | - | - | x | x | - |
| Brasilien/INMETRO | -02 | - | - | - | x | x | - |
| Korea/KOSHA (only gas approval) | -03 | - | - | - | x | x | x |
| Russland, Kasachstan & Weißrussland/TR-CU 012 | -04 | x | - | - | x | x | x |
| Indien/CCOE | Standard | - | - | - | x | x | - |
| Taiwan/ITRI | Standard | - | - | - | x | x | - |
| USA/FM | Standard | - | - | x | - | - | - |
| Kanada/CSA | Standard | - | - | x | - | - | - |

Example: 000000427002400-04
(Coil: 4270; Voltage: 24V DC; Approval: TR-CU 012)

Accessories

Electrical connection



Cable gland
Protection class Ex e, Ex d
(ATEX),
Nickel plated brass/
Stainless steel

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| For solenoid | Thread | Cable Ø (mm) | Material | Protection class (ATEX) | Ambient temperatur limitation *1) | Model |
|--------------|-----------|---------------|------------------------|-------------------------|-----------------------------------|---------|
| 42xx | M20 x 1,5 | 7,0 ... 12,0 | Plastic | II 2G Ex e / II 2D Ex t | See table | 0589735 |
| 42xx | M20 x 1,5 | 10,0 ... 14,0 | Plastic | II 2G Ex e / II 2D Ex t | See table | 0589736 |
| 42xx | M20 x 1,5 | 6,0 ... 12,0 | Plastic | II 2G Ex e / II 2D Ex t | See table | 0589737 |
| 42xx | M20 x 1,5 | 5,0 ... 10,0 | Plastic | II 2G Ex e / II 2D Ex t | See table | 0589739 |
| 46xx | M20 x 1,5 | 5,0 ... 8,0 | Nickel plated brass | II 2G Ex e / II 2D Ex t | - | 0588819 |
| 46xx | M20 x 1,5 | 10,0 ... 14,0 | Nickel plated brass | II 2G Ex d / II 2D Ex t | - | 0588851 |
| 46xx | 1/2 NPT | 7,5 ... 11,9 | Nickel plated brass | II 2G Ex d / II 2D Ex t | - | 0588925 |
| 46xx, 48xx | M20 x 1,5 | 9,0 ... 13,0 | Stainless steel 1.4571 | II 2G Ex e / II 2D Ex t | - | 0589385 |
| 46xx, 48xx | M20 x 1,5 | 7,0 ... 12,0 | Stainless steel 1.4404 | II 2G Ex d / II 2D Ex t | - | 0589395 |
| 46xx, 48xx | M20 x 1,5 | 10,0 ... 14,0 | Stainless steel 1.4404 | II 2G Ex d / II 2D Ex t | - | 0589387 |

*1) The limitation of the temperature range to the mentioned range is due to the self-heating of the solenoid.

| For solenoid | Ambient temperatur limitation solenoid 42xx | | |
|--------------|---|-----------------------------|---------------------------|
| | 0589735 & 0589736 *2) | 0589737 | 0589739 *2) |
| 421x/426x | T4 & Dust Ex: -35°C ... +80°C | T4 & Dust Ex: -40°C...+65°C | T4 & Dust Ex: -40...+78°C |
| | T6: -35°C ... +55°C | T6: -40°C...+55°C | T6: -40...+55°C |
| 422x/427x | T4 & Dust Ex: -35°C +65°C | T4 & Dust Ex: -40°C...+62°C | T4 & Dust Ex: -40...+65°C |
| | T5: -35°C +55°C | T5: -40°C +55°C | T5: -40...+55°C |
| 423x/428x | T4 & Dust Ex: -35°C...+50°C | T4 & Dust Ex: -40°C...+50°C | T4 & Dust Ex: -40...+50°C |
| | T5: -35°C...+40°C | T5: -40°C...+40°C | T5: -40...+40°C |

*2) Tested for the lower level of mechanical risk (4 joule), an additional protection against impacts might be needed.

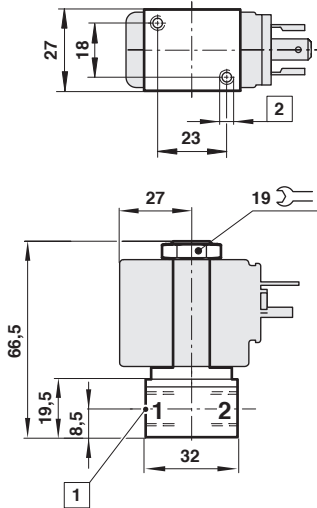
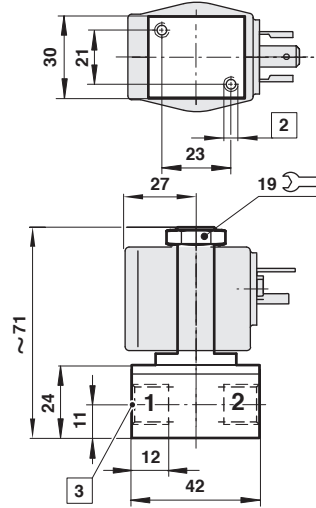
Connector DIN EN 175301-803



0570275 (Form A)

Dimensions
Valves

 Dimensions in mm
 Projection/First angle

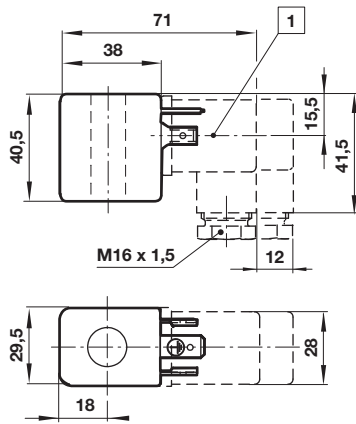
1

2


- 1** Ports G1/8 or 1/8 NPT
- 2** M4 x 6 mm deep
- 3** Ports G1/4 or 1/4 NPT

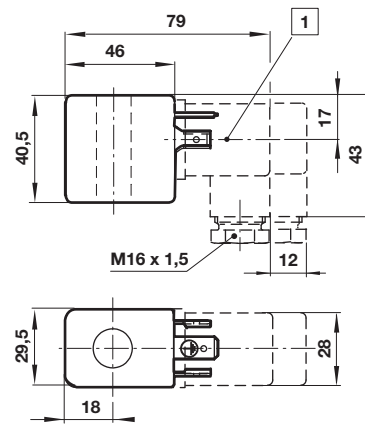
Drawings - Solenoid

Dimensions in mm
Projection/First angle

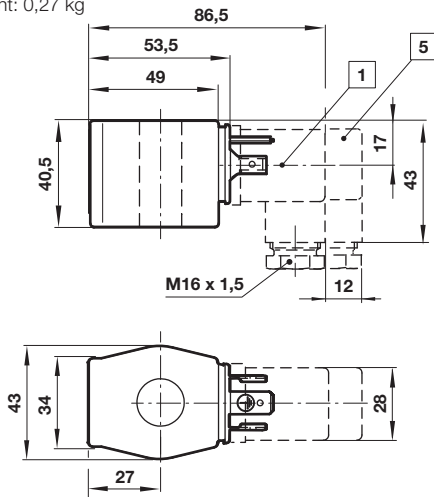
1 Weight: 0,15 kg



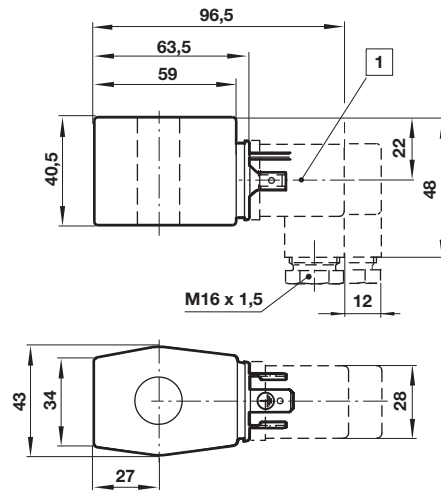
2 Weight: 0,16 kg



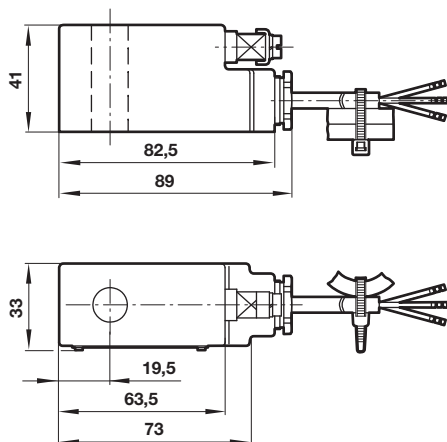
3 Weight: 0,27 kg



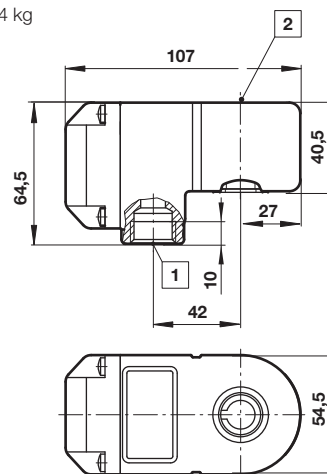
4 Weight: 0,32 kg



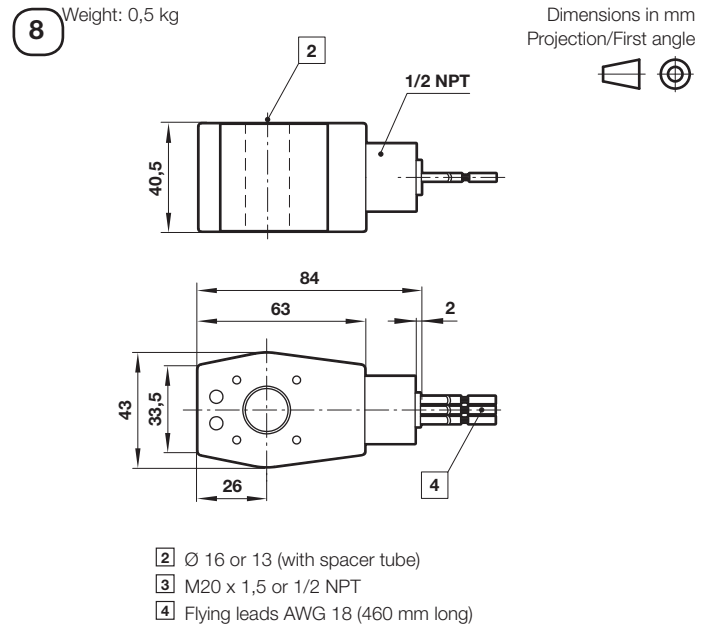
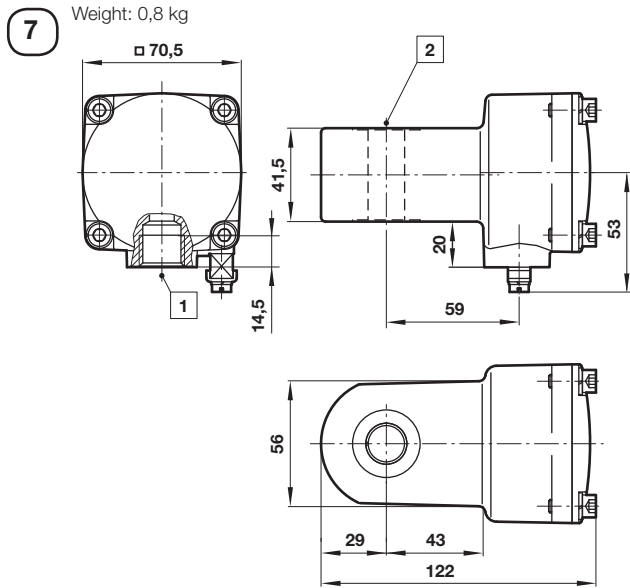
5 Weight: 0,5 kg



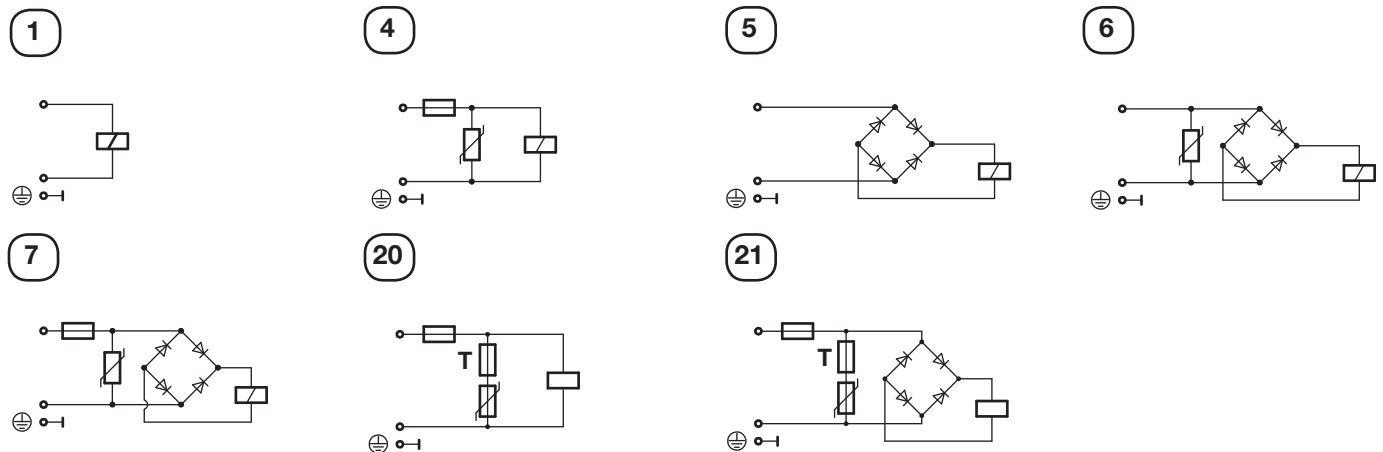
6 Weight: 0,4 kg



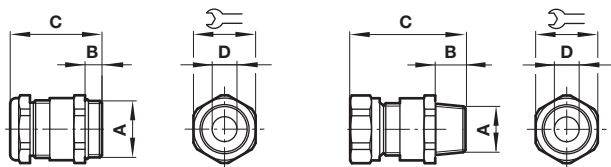
- 1** Connector can be indexed by 4x90°
- 2** Ø 16 or 13 (with spacer tube)



Circuit diagrams



Cable gland



0588925 only

| A | B | C | ø D | | Model |
|-----------|-----|------|---------------|----|---------|
| M20 x 1,5 | 10 | 40 | 7,0 ... 12,0 | 24 | 0589735 |
| M20 x 1,5 | 10 | 43 | 10,0 ... 14,0 | 27 | 0589736 |
| M20 x 1,5 | 10 | 40 | 6,0 ... 12,0 | 24 | 0589737 |
| M20 x 1,5 | 10 | 39,5 | 5,0 ... 10,0 | 24 | 0589739 |
| M20 x 1,5 | 9 | 36 | 5,0 ... 8,0 | 22 | 0588819 |
| M20 x 1,5 | 12 | 37 | 9,0 ... 14,0 | 30 | 0588851 |
| 1/2 NPT | 15 | 58 | 7,5 ... 11,9 | 24 | 0588925 |
| M20 x 1,5 | 6,5 | 27,5 | 9,0 ... 13,0 | 22 | 0589385 |
| M20 x 1,5 | 16 | 40 | 7,0 ... 12,0 | 24 | 0589395 |
| M20 x 1,5 | 16 | 41 | 10,0 ... 14,0 | 24 | 0589387 |

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under »Technical features/data«.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult IMI Precision Engineering, Norgren GmbH.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.