Typenschlüssel
Order code

EN 175301-803

G Gerätesteckdose / *Connector*

D DIN
I Industrienorm / *Industrial*

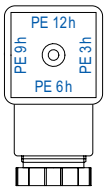
A Bauform A / *form A*
B Bauform B / *form B*
C Bauform C / *form C*

3 3-polig / *3 poles*
4 4-polig / *4 poles*

0 · **Y** · **G** · **R** · **D** · **T**
L · **V** · **E** · **H1 (...9)** · **C** · **S**

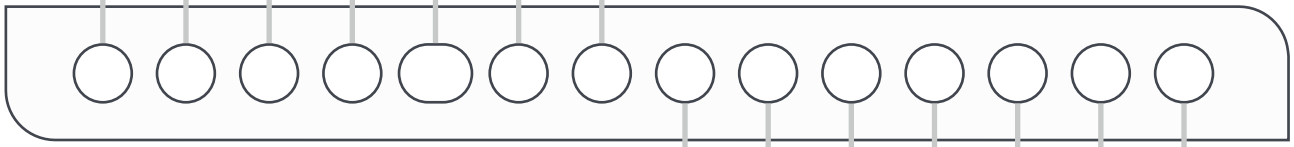
0 ohne Beschaltung *without circuit*
Y LED gelb / *LED yellow*
G LED grün / *LED green*
R LED rot / *LED red*
D Diode
T Z-Diode (Transil)
L Gleichricher / *rectifier*
V Varistor
E Verstärker / *Amplifier*
H1 Druckschalter *pressure switch*
C Kondensator / *capacitor*
S Sonderbeschaltung *special circuit*

Ansicht Kontaktseite
View on contacts



1 PG 11
9 PG 9
7 PG 7
M M 16x1.5

Position PE-Kontakt / position protective earth contact
0 PE 12h
3 PE 3h
6 PE 6h
9 PE 9h



S schwarz / *black*
G grau / *grey*
T transparent / *transparent*

1 12 Volt
2 24 Volt
4 48 Volt
5 115 Volt
6 230 Volt

1 Profildichtung / *profile gasket*
2 Flachdichtung / *flat gasket*

1 PVC Leitung / *PVC cable*
2 PUR Leitung / *PUR cable*

1 1m
3 3m
5 5m
0 10m

H hohe Bauform / *high version*
R Rändelschraube / *knurled screw*

S *Sonderverschraubung schwarz / special gland black*
G *Sonderverschraubung grau / special gland grey*
M *M12-Anschluß / M12-connection*

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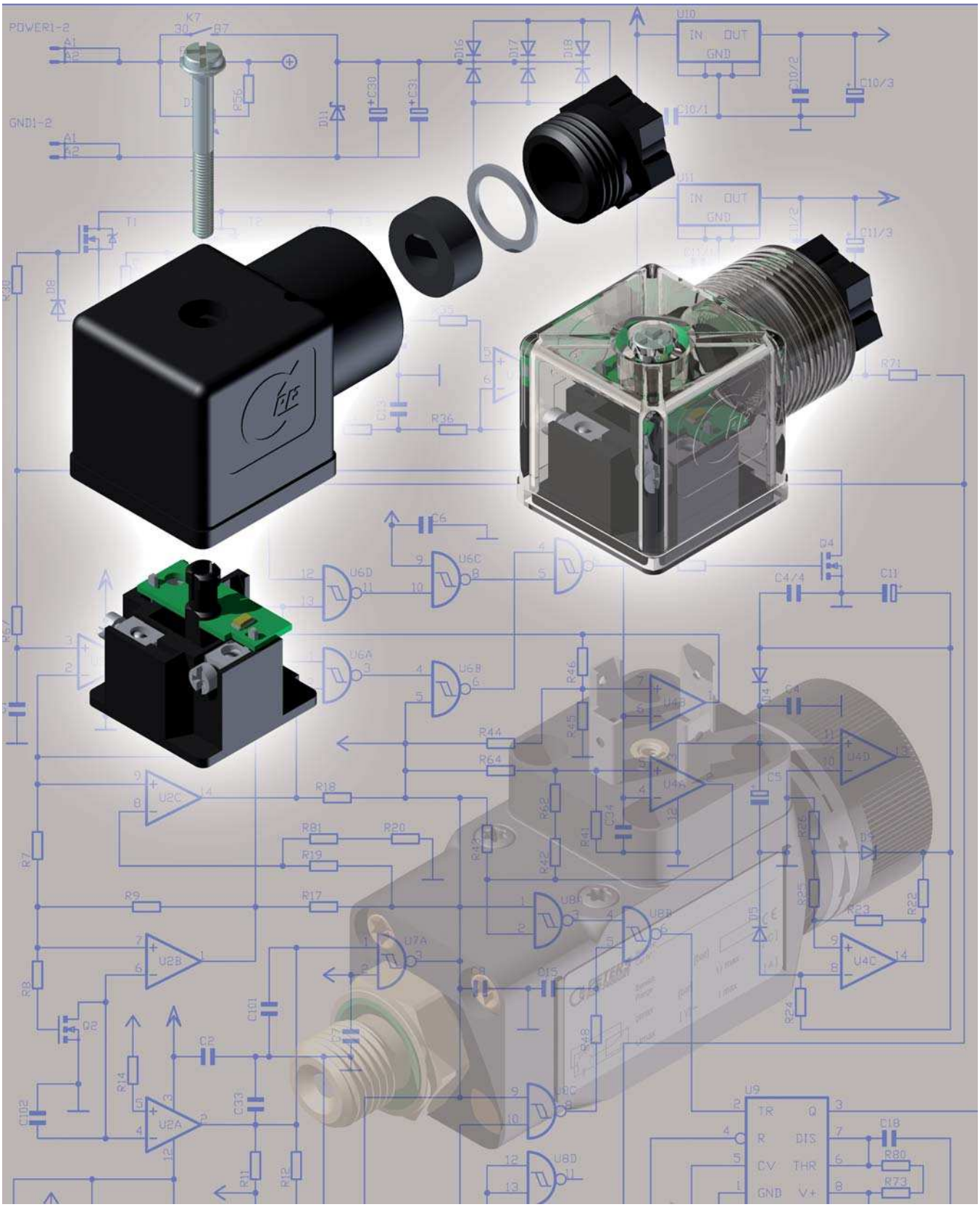
Steckverbinder DIN - EN

Connectors DIN - EN



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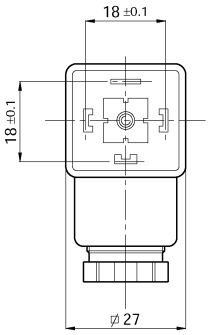
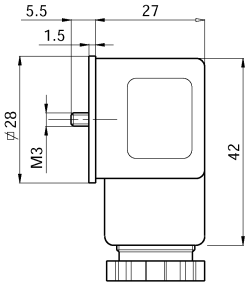
Steckverbinder A
Bauform A · 3 oder 4-polig

DIN 43 650 / EN 175301-803

Connector A
Form A · 3 or 4-poles

Kontaktabstand Contact spacing	18 mm
Nennspannung Rated voltage	250 VAC / 300 VDC
Dauerstrom Operating current	10 A
Max. Strom Max. current	16 A
Max. Leiterquerschnitt Max. wire gauge	1,5 mm²
Kabelverschraubung Cable gland	PG 9 / PG 11
Kabeldurchmesser Cable diameter	6-8 mm / 8-10 mm
Schutzart Protection class	IP 65 (EN 60529)
Gehäusematerial Housing material	PA + 30 % GF
Kontaktmaterial Contact material	Cu Zn (Ag)
Dichtung (Profil = 1 / Flach = 2)* Gasket (profil = 1 / flat = 2)*	thermoplastisches Gummi thermoplastic rubber
Befestigungsschraube Screw	M 3
Temperaturbereich Temperature range	-40° C ... + 125° C





Farbe Colour	Polzahl Contacts	Artikel Nr. Part No.	Artikel Nr. Part No.
		PG 9	PG 11
schwarz / black	2 + PE	GDA3090S61	GDA3010S61
schwarz / black	3 + PE	GDA4090S61	GDA4010S61
grau / grey	2 + PE	GDA3090G61	GDA3010G61
grau / grey	3 + PE	GDA4090G61	GDA4010G61

Technische Änderungen vorbehalten, Maßzeichnungen auf Anfrage / Specifications are subject to change without notice, scale drawings on request

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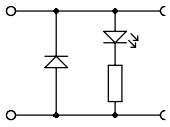
Steckverbinder A
Bauform A mit Beschaltung

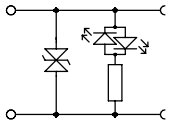
DIN 43 650 / EN 175301-803

Connector A
Form A with circuit

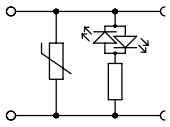
Kontaktabstand Contact spacing	18 mm
Nennspannung Rated voltage	24 V
Dauerstrom Operating current	10 A
Max. Strom Max. current	16 A
Max. Leiterquerschnitt Max. wire gauge	1,5 mm²
Kabelverschraubung Cable gland	PG 9 / M 16
Kabeldurchmesser Cable diameter	6 - 8 mm
Schutzart Protection class	IP 65 (EN 60529)
Gehäusematerial Housing material	PA
Kontaktmaterial Contact material	Cu Zn (Ag)
Dichtung (Profil = 1 / Flach = 2)* Gasket (profil = 1 / flat = 2)*	thermoplastisches Gummi thermoplastic rubber
Befestigungsschraube Screw	M 3
Temperaturbereich Temperature range	- 30° C ... + 90° C



YD: LED + Diode 24 V DC



YT: LED + Z-Diode 24 VAC/DC



YV: LED + Varistor 24 VAC/DC

Farbe Colour	Polzahl Contacts	Artikel Nr. Part No.	Artikel Nr. Part No.	Besonderheit Special Feature
		PG 9	M16	
transparent	2 + PE	GDA3YD90T21	GDA3YDM0T21	LED + Diode
transparent	2 + PE	GDA3YT90T21	GDA3YTM0T21	LED + Z-Diode
transparent	2 + PE	GDA3YV90T21	GDA3YVM0T21	LED + Varistor

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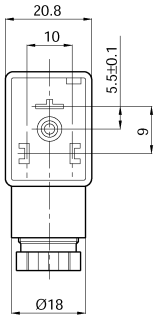
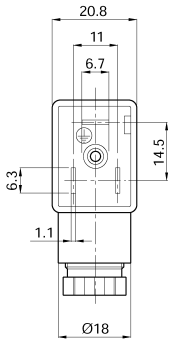
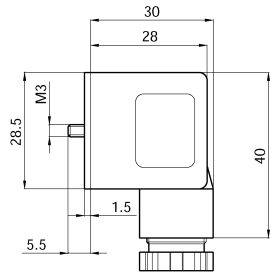
Steckverbinder B
Bauform B - Ind. oder B - DIN/EN

Industrial / DIN 43 650 / EN 175301 - 803
Connector B
Form B - Ind. or B - DIN/EN

Kontaktabstand Contact spacing	10 mm (DIN/EN) 11 mm (Industrial)
Nennspannung Rated voltage	250 VAC / 300 VDC
Dauerstrom Operating current	6 A
Max. Strom Max. current	10 A
Max. Leiterquerschnitt Max. wire gauge	1,5 mm²
Kabelverschraubung Cable gland	PG 9
Kabeldurchmesser Cable diameter	6 - 8 mm
Schutzart Protection class	IP 65 (EN 60529)
Gehäusematerial Housing material	PA + 30 % GF
Kontaktmaterial Contact material	Cu Zn (Ag)
Dichtung (Profil = 1 / Flach = 2)* Gasket (profil = 1 / flat = 2)*	thermoplastisches Gummi thermoplastic rubber
Befestigungsschraube Screw	M3
Temperaturbereich Temperature range	- 40° C ... + 125° C







Farbe Colour	Polzahl Contacts	Artikel Nr. Part No.	Artikel Nr. Part No.
		10 mm	11 mm
schwarz / black	2 + PE	GDB3090S61	GIB3090S61
grau / grey	2 + PE	GDB3090G61	GIB3090G61

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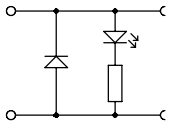
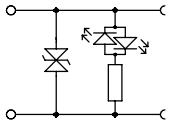
Connector B
Form B with circuit

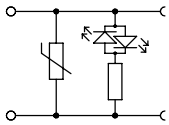
Kontaktabstand Contact spacing	10 mm (DIN/EN) 11 mm (Industrial)
Nennspannung Rated voltage	24 V
Dauerstrom Operating current	6 A
Max. Strom Max. current	10 A
Max. Leiterquerschnitt Max. wire gauge	1,5 mm²
Kabelverschraubung Cable gland	PG 9
Kabeldurchmesser Cable diameter	6 - 8 mm
Schutzart Protection class	IP 65 (EN 60529)
Gehäusematerial Housing material	PA
Kontaktmaterial Contact material	Cu Zn (Ag)
Dichtung (Profil = 1 / Flach = 2)* Gasket (profil = 1 / flat = 2)*	thermoplastisches Gummi thermoplastic rubber
Befestigungsschraube Screw	M3
Temperaturbereich Temperature range	- 30° C ... + 90° C



YD: LED + Diode 24 V DC



YT: LED + Z-Diode 24 VAC/DC



YV: LED + Varistor 24 VAC/DC

Farbe Colour	Polzahl Contacts	Artikel Nr. Part No.	Artikel Nr. Part No.	Besonderheit Special Feature
		10 mm	11 mm	
transparent	2 + PE	GDB3YD90T21	GIB3YD90T21	LED + Diode
transparent	2 + PE	GDB3YT90T21	GIB3YT90T21	LED + Z-Diode
transparent	2 + PE	GDB3YV90T21	GIB3YV90T21	LED + Varistor

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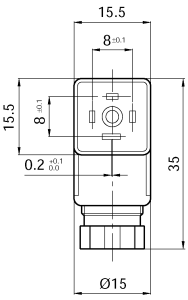
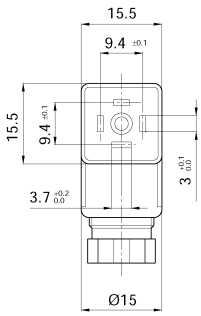
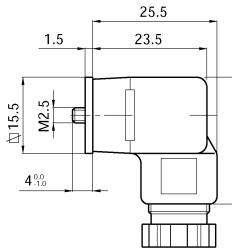
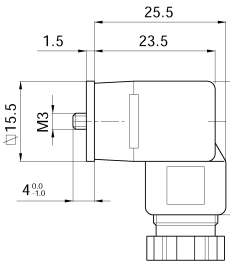
Connector C
Form C-Ind. or C-DIN/EN

Kontaktabstand Contact spacing	8 mm (DIN/EN) 9,4 mm (Industrial)
Nennspannung Rated voltage	250 VAC / 300 VDC
Dauerstrom Operating current	6 A
Max. Strom Max. current	10 A
Max. Leiterquerschnitt Max. wire gauge	0,75 mm²
Kabelverschraubung Cable gland	PG7
Kabeldurchmesser Cable diameter	4-6 mm
Schutzart Protection class	IP65 (EN 60529)
Gehäusematerial Housing material	PA + 30 % GF
Kontaktmaterial Contact material	CuZn (Ag)
Dichtung (Profil = 1 / Flach = 2)* Gasket (profil = 1 / flat = 2)*	thermoplastisches Gummi thermoplastic rubber
Befestigungsschraube Screw	M2.5 (DIN/EN) M3 (Industrial)
Temperaturbereich Temperature range	-40° C ... + 125° C









Farbe Colour	Polzahl Contacts	Artikel Nr. Part No.	Artikel Nr. Part No.
		8 mm	9,4 mm
schwarz / black	2+PE	GDC3070S61	GIC3070S61
grau / grey	2+PE	GDC3070G61	GIC3070G61

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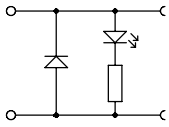
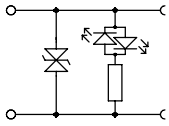
Connector C
Form C with circuit

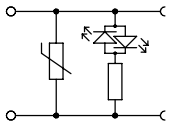
Kontaktabstand Contact spacing	8 mm (DIN/EN) 9,4 mm (Industrial)
Nennspannung Rated voltage	24 V
Dauerstrom Operating current	6 A
Max. Strom Max. current	10 A
Max. Leiterquerschnitt Max. wire gauge	0,75 mm²
Kabelverschraubung Cable gland	PG7
Kabeldurchmesser Cable diameter	4 - 6 mm
Schutzart Protection class	IP65 (EN60529)
Gehäusematerial Housing material	PA
Kontaktmaterial Contact material	CuZn (Ag)
Dichtung (Profil = 1 / Flach = 2)* Gasket (profil = 1 / flat = 2)*	thermoplastisches Gummi thermoplastic rubber
Befestigungsschraube Screw	M2.5 (DIN/EN) M3 (Industrial)
Temperaturbereich Temperature range	-30° C ... +90° C



YD: LED + Diode 24 V DC



YT: LED + Z-Diode 24 VAC/DC



YV: LED + Varistor 24 VAC/DC

Farbe Colour	Polzahl Contacts	Artikel Nr. Part No.	Artikel Nr. Part No.	Besonderheit Special Feature
		8 mm	9,4 mm	
transparent	2 + PE	GDC3YD70T21	GIC3YD70T21	LED + Diode
transparent	2 + PE	GDC3YT70T21	GIC3YT70T21	LED + Z-Diode
transparent	2 + PE	GDC3YV70T21	GIC3YV70T21	LED + Varistor

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