

MADE IN GERMANY



ELEKTROKONTAKT

Fascinating Electrotechnics

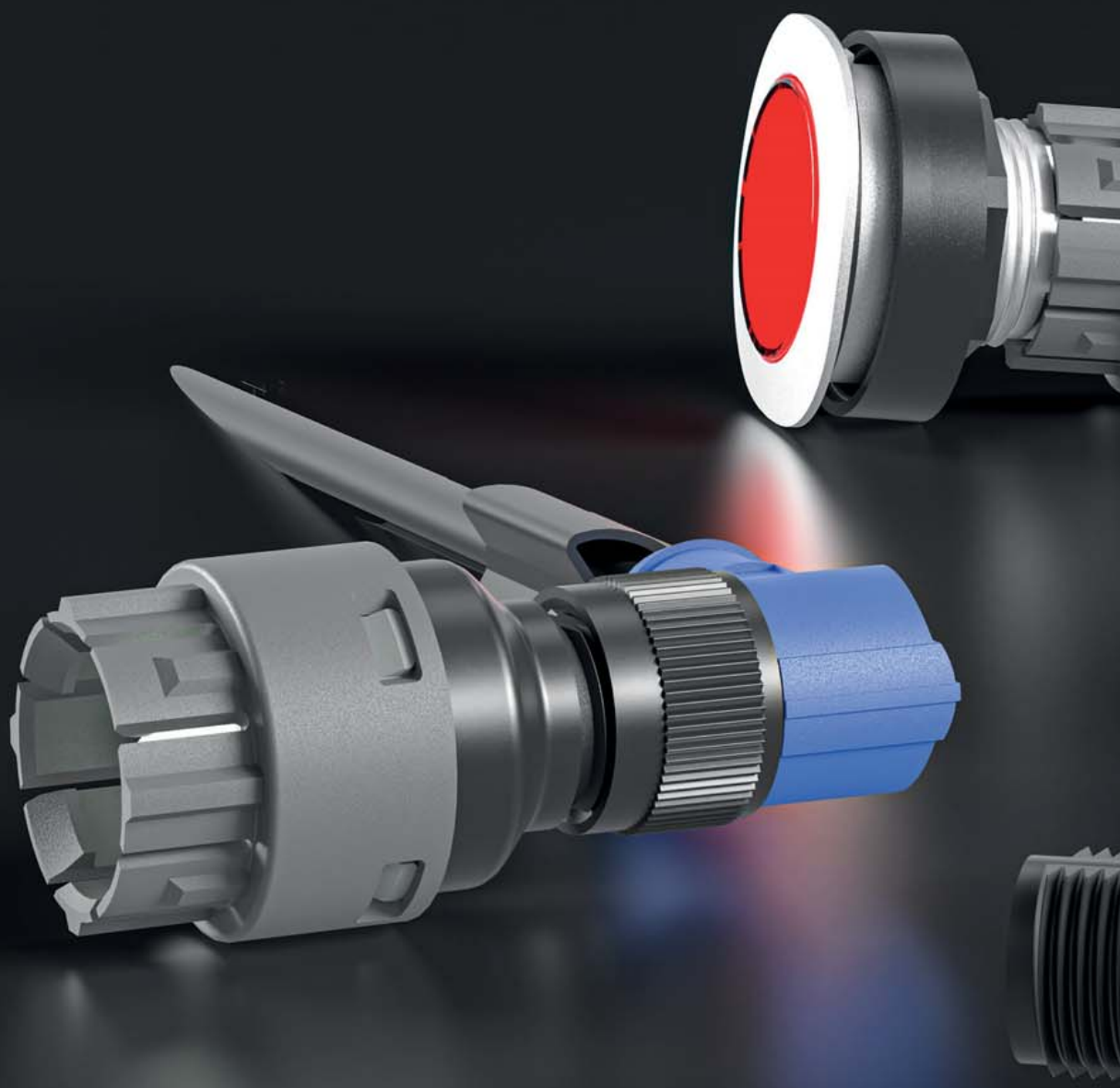


FRT connect

Bring your pushbuttons and switches to the M12 world

1-2-3

simple
fast
universal



➔ Bring your pushbuttons and switches to the M12 world - ingeniously simple!



→ **Time-consuming and costly wiring is no longer necessary**

The FRT connect with M12 connector means no conventional or error-prone wiring. The installation with M12 connector is simple and safe, a reverse or incorrect polarity is not possible. Plug&work: plug in and get started!



→ **For combination with various series**

The FRT connect contact blocks are suitable for SCHLEGEL pushbuttons and switches for mounting diameter 22.3 or 16.2 mm with 16 mm housing neck and 3 mm travel. The diversity of possible contact equipments ranges from only 1 NO to 2 NC with illumination.



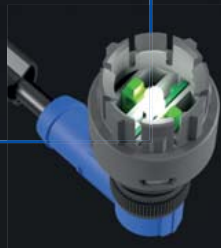
→ **4- and 5-pole M12 connectors**

There is also the flexibility in choosing the type of connection: With FRT connect you have the choice between a 4-pole connector with SCHLEGEL pin assignment or a 5-pole connector with AIDA pin assignment. The connectors are A coded.



→ **Illuminated variants**

FRT connect can also be used for pushbuttons and switches with illumination. If you connect the illuminated variants of FRT connect with an emergency-stop head or a pilot light head - FRT connect is accentuating it.



→ **High switching capacity and long lifetime**

SCHLEGEL attaches great importance to the quality and robustness of its products. This also applies to the new FRT connect. The contact blocks are characterised by a long lifetime and a high switching capacity.





Contact blocks FRT connect

M12 plugs

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Illustration

Description

Type

IP00

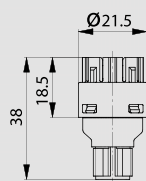
2.3mm



0 1 2 3

PIN1/PIN4

PIN5/PIN2



PIN1



PIN4



PIN2



PIN3 (+)



PIN3 (-)



Illuminated contact block with 5-pole M12 connector, momentary
1 NC + 1 NO

Lamp socket none, with integrated 3 mm LED

Standard IEC/EN 60947-5-1

suitable pushbuttons and switches



5-pole M12, A coded, AIDA

FRTL01_C121

IP00

2.3mm

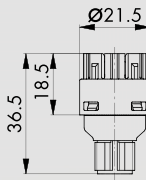


0 1 2 3

PIN1/PIN2

PIN1/PIN4

PIN3 n.c.



PIN2



PIN4



Contact block with 4-pole M12 connector, momentary
1 NC + 1 NO

Standard IEC/EN 60947-5-1

suitable pushbuttons and switches



4-pole M12, A coded

FRT01_C008

IP00

2.3mm

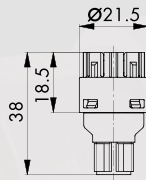


0 1 2 3

PIN1/PIN4

PIN2/PIN5

PIN3 n.c.



PIN4



PIN5



Contact block with 5-pole M12 connector, momentary
1 NC + 1 NO

Standard IEC/EN 60947-5-1

suitable pushbuttons and switches



5-pole M12, A coded, AIDA

FRT01_C118

IP00

2.3mm

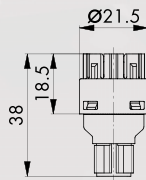


0 1 2 3

PIN1/PIN4

PIN5/PIN2

PIN5/PIN3



PIN4



PIN2



PIN3



Contact block with 5-pole M12 connector, momentary
2 NC + 1 NO

Standard IEC/EN 60947-5-1

suitable pushbuttons and switches



5-pole M12, A coded, AIDA

FRT001_C112

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Illustration	Description	Type
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IP00

2.3mm

PIN1 — PIN2

PIN4 (+) — PIN3 (-)

Illuminated contact block with 4-pole M12 connector, momentary 1 NO

Lamp socket none, with integrated 3 mm LED

Standard IEC/EN 60947-5-1

suitable pushbuttons and switches

4-pole M12, A coded

FRTL_C005

IP00

2.3mm

PIN1 — PIN4

PIN5 (+) — PIN3 (-)

Illuminated contact block with 5-pole M12 connector, momentary 1 NO

Lamp socket none, with integrated 3 mm LED

Standard IEC/EN 60947-5-1

suitable pushbuttons and switches

5-pole M12, A coded, AIDA

FRTL_C115

IP00

2.3mm

PIN1 — PIN2

Contact block with 4-pole M12 connector, momentary 1 NO

Standard IEC/EN 60947-5-1

suitable pushbuttons and switches

4-pole M12, A coded

FRTL_C007

IP00

2.3mm

PIN1 — PIN4

Contact block with 5-pole M12 connector, momentary 1 NO

Standard IEC/EN 60947-5-1

suitable pushbuttons and switches

5-pole M12, A coded, AIDA

FRTL_C117

IP00

2.3mm

PIN1 — PIN4

PIN5 (+) — PIN2 — PIN3 (-)

Illuminated contact block with 5-pole M12 connector, momentary 2 NO

Lamp socket none, with integrated 3 mm LED

Standard IEC/EN 60947-5-1

suitable pushbuttons and switches

5-pole M12, A coded, AIDA

FRTL_C122

Contact blocks FRT connect

M12 plugs

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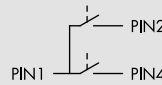
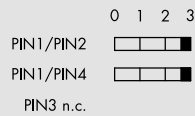
Illustration

Description

Type

IP00

2.3mm



Contact block with 4-pole M12 connector, momentary

2 NO

Standard

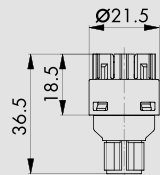
IEC/EN 60947-5-1

suitable pushbuttons and switches



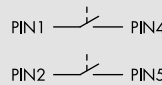
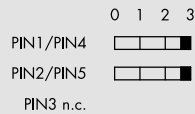
4-pole M12, A coded

FRTII_C009



IP00

2.3mm



Contact block with 5-pole M12 connector, momentary

2 NO

Standard

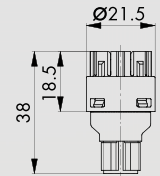
IEC/EN 60947-5-1

suitable pushbuttons and switches



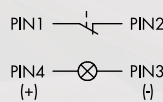
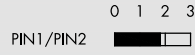
5-pole M12, A coded, AIDA

FRTII_C119



IP00

2.3mm



Illuminated contact block with 4-pole M12 connector, momentary

1 NC

Lamp socket none, with integrated 3 mm LED

Standard

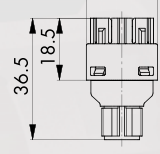
IEC/EN 60947-5-1

suitable pushbuttons and switches



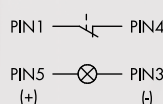
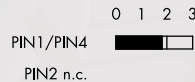
4-pole M12, A coded

FRTLO_C004



IP00

2.3mm



Illuminated contact block with 5-pole M12 connector, momentary

1 NC

Lamp socket none, with integrated 3 mm LED

Standard

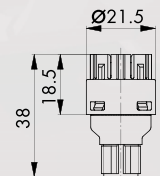
IEC/EN 60947-5-1

suitable pushbuttons and switches



5-pole M12, A coded, AIDA

FRTLO_C114



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Illustration

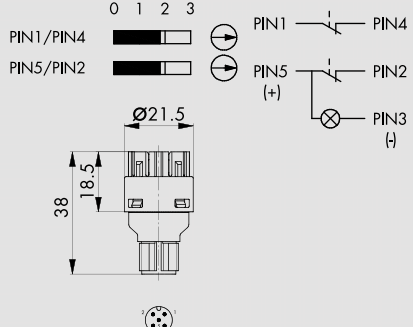
Description

Type

IP00

2.3mm




Illuminated contact block with 5-pole M12 connector, momentary

2 NC

Lamp socket none, with integrated 3 mm LED

Standard IEC/EN 60947-5-1

suitable pushbuttons and switches





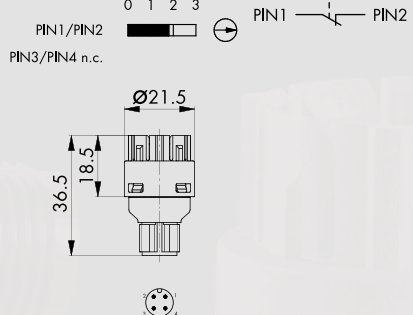
5-pole M12, A coded, AIDA

FRTL00_C113

IP00

2.3mm

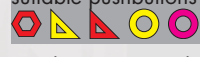


Contact block with 4-pole M12 connector, momentary

1 NC

Standard IEC/EN 60947-5-1

suitable pushbuttons and switches





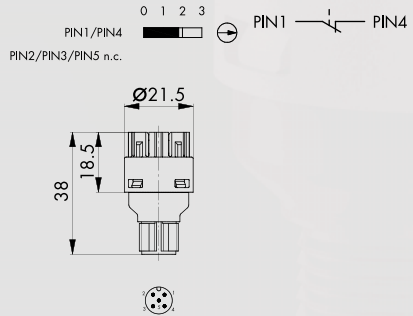
4-pole M12, A coded

FRT0_C006

IP00

2.3mm




Contact block with 5-pole M12 connector, momentary

1 NC

Standard IEC/EN 60947-5-1

suitable pushbuttons and switches





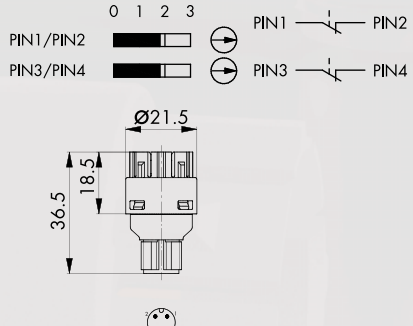
5-pole M12, A coded, AIDA

FRT0_C116

IP00

2.3mm




Contact block with 4-pole M12 connector, momentary

2 NC

Standard IEC/EN 60947-5-1

suitable pushbuttons and switches





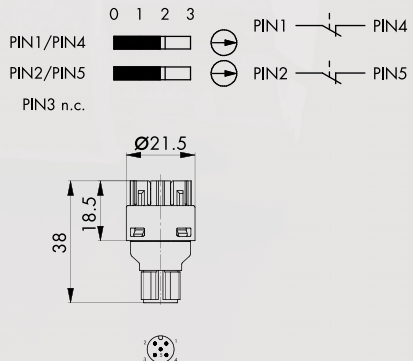
4-pole M12, A coded

FRT00_C001

IP00

2.3mm




Contact block with 5-pole M12 connector, momentary

2 NC

Standard IEC/EN 60947-5-1

suitable pushbuttons and switches



5-pole M12, A coded, AIDA

FRT00_C111

Contact blocks FRT connect

M12 plugs

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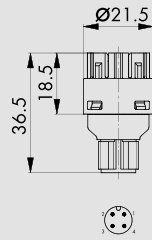


Illustration

Description

Type

IP00



PIN4 (+) — ⊗ — PIN3 (-)

PIN1/PIN2 n.c.

Lamp element with 4-pole M12 connector

Lamp socket none, with integrated 3 mm LED

Standard IEC/EN 60947-5-1

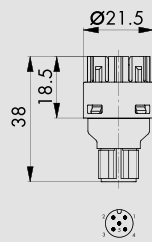
suitable pilot light heads



4-pole M12, A coded

FRL_C010

IP00



PIN5 (+) — ⊗ — PIN3 (-)

PIN1/PIN2/PIN4 n.c.

Lamp element with 5-pole M12 connector

Lamp socket none, with integrated 3 mm LED

Standard IEC/EN 60947-5-1

suitable pilot light heads



5-pole M12, A coded, AIDA

FRL_C120



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