

Cable fittings and accessories

Cablefix Vario

Feed-through for all prefabricated cables and wires with connectors



Application

- Electrotechnology, pneumatics, hydraulics, robotics, general machine and plant construction

Properties

- Feed through and terminal frames from high-quality solid
- Aluminium or polyamide GF30 with additional inner brass reinforcement
- High flexibility in the application
- Additional mounting to existing installation easily possible
- Even pressure effect on the feed through round material yields good strain relief and sealing
- Unused holes in the module can simply sealed with blank plugs
- Compact design i.e. space-saving
- 2 module sizes with slot and suspension principle
- Very good weathering resistance
- Resistant to UV radiation, ozone, oils, fuels, acids, bases, solvents and sea water

Part-No.	Type	Termination area mm	Number of holes	Diameter mm	Length mm	suitable for Part-No.	PU piece
Rubber module, material TPE							
606150	VK0	Solid material	0				5
606151	VK4	4–4.5	14				5
606152	VK5	4.5–5.5	8				5
606153	VK6	5.5–6.5	8				5
606154	VK7	6.5–7.5	5				5
606155	VK8	7.5–8.5	5				5
606156	VK9	8.5–9.5	3				5
606157	VK10	9.5–10.5	3				5
606158	VK12	10.5–12.5	2				5
606159	VK14	12.5–14.5	2				5
606160	VK16	14.5–16.5	2				5
606200	VG0	Solid material	0				3
606201	VG18	16.5–18.5	2				3
606202	VG20	18.5–20.5	1				3
606203	VG22	20.5–22.5	1				3
606204	VG24	22.5–24.5	1				3
606205	VG26	24.5–26.5	1				3
606206	VG28	26.5–28.5	1				3
606207	VG30	28.5–30.5	1				3
606208	VG32	30.5–32.5	1				3
606209	VG34	32.5–34.5	1				3
Matching blank plug, PA6 GF15							
606250	BL4			4	30	606151	50
606251	BL5			5	30	606152	50
606252	BL6			6	30	606153	50
606253	BL7			7	30	606154	50
606254	BL8			8	30	606155	50
606255	BL9			9	30	606156	50
606256	BL10			10	30	606157	50
606257	BL12			12	30	606158	50
606258	BL14			14	30	606159	50
606259	BL16			16	30	606160	50
606260	BL18			18	30	606201	50

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Technical data

Temperature range	-40 °C to +135 °C
Burning behaviour	Flame-retardant
Module type	VG=40×43.5 VK=40×22.9 for cable and wire diameters from 4 mm to 34.5 mm, see ordering information
Protection class	IP 65

Design

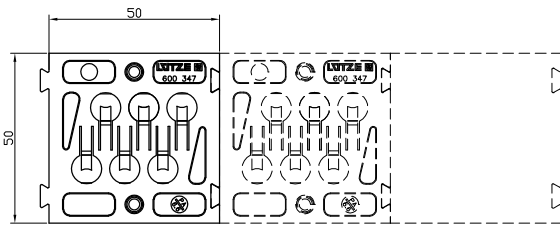
- Frame AKLR from smooth ground aluminum
- Frame KKLR from polyamide reinforced with brass bars 6.6 GF30
- Modules slotted to the right from the borings

Part-No.	Type	Dimension (L×H×T)	Unit VK/VG	PU piece	With flat seal and drilling template	Comments
Terminal frame as feed-through system with strain relief						
606050	KKLR 1	136 × 71 × 30	4/2	3	Yes	Master gauge for holes HAN 16 B attachment housing
606051	KKLR 2	164 × 71 × 30	6/3	2	Yes	Master gauge for holes HAN 24 B attachment housing
Aluminium smooth-ground, also available as anodised						
606038	AKLR0	68 × 68 × 30	2/1	1	Yes	Hole ø 6.5 hole dimensions 30 × 55 with flat seal
606001	AKLR 1	108 × 68 × 30	4/2	1	Yes	
606002	AKLR 2	148 × 68 × 30	6/3	1	Yes	
606003	AKLR 3	148 × 88 × 30	9/3+3	1	Yes	
606004	AKLR 4	148 × 108 × 30	12/6	1	Yes	
606005	AKLR 5	188 × 78 × 30	8/4	1	Yes	
606006	AKLR 6	188 × 98 × 30	12/4+4	1	Yes	
606007	AKLR 7	188 × 118 × 30	16/8	1	Yes	
606040	AKLW 2	148 × 68 × 30	6/3	1	Yes	Master gauge for holes HAN 24 B attachment housing

Unit corresponds to the number of required rubber modules type VK or VG

Cable fittings and accessories

Cablefix Control cable flange (ST)



Application

Cablefix flanges are used to introduce cables and wires into a housing. They are used in light to medium-weight machine and plant construction.

Properties

- The Cablefix flanges can be mounted side by side using the dovetail guides. This makes it possible to implement various individual combinations of flanges to suit the specific requirements.
- The integrated strain relief closes automatically when the cables and wires are pushed through.
- An integrated formed rubber part seals off the cables and wires by means of sealing lips.
- For troubleshooting, maintenance or retrofitting, the individual cables can be easily loosened from the spring clamp using a screwdriver and replaced.
- Unused inputs can be closed off using the plugs supplied with the product.
- Resistant to fuels, mineral oils, greases, alkalis
- Halogen- and silicone-free

Technical data

Protection class	IP 55 (mounting orientation from below)
Temperature range	-30 °C to +70 °C
Burning behaviour	Flange UL 94 V2
max. metal gauge	3 mm
Breakthrough with standard sheet metal hole punch	46 × 46mm

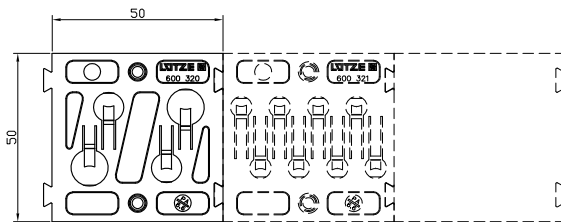
Part-No.	Type	Dimensions (w × h × d) mm	Cut-out W × H mm	Number of cables × ca- ble diameter	Material	PU piece
Cablefix Control cable flange (ST)						
600347	1×ST	50.0 × 50.0 × 11.5	46 × 46	6 × 6.3 – 8.9	Flange: PA 6.6 Seal: TPE Plugs: PA 6 Retaining plates and screws: galvanised steel	5

Note:

50 mm must be allotted for each flange mounted side by side.
e.g. a combination of 3 flanges results in hole dimensions of 46 mm × 46 mm plus 2 × 50 mm = 46 mm × 146 mm.

Cable fittings and accessories

Cablefix Bus flange (B/V) + Sensor/Actuator flange (S/A)



Application
Cablefix flanges are used to introduce cables and wires into a housing. They are used in light to medium-weight machine and plant construction.

Properties

- The Cablefix flanges can be mounted side by side using the dovetail guides. This makes it possible to implement various individual combinations of flanges to suit the specific requirements.
- The integrated strain relief closes automatically when the cables and wires are pushed through.
- An integrated formed rubber part seals off the cables and wires by means of sealing lips.
- For troubleshooting, maintenance or retrofitting, the individual cables can be easily loosened from the spring clamp using a screwdriver and replaced.
- Unused inputs can be closed off using the plugs supplied with the product.
- Resistant to fuels, mineral oils, greases, alkalis
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Technical data

Protection class	IP 55 (mounting orientation from below)
Temperature range	-30 °C to +70 °C
Burning behaviour	Flange UL 94 V2
max. metal gauge	3 mm
Breakthrough with standard sheet metal hole punch	46 × 46mm

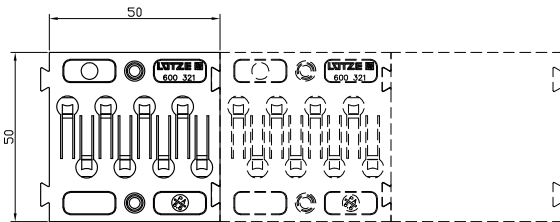
Part-No.	Type	Dimensions (w × h × d) mm	Cut-out W × H mm	Number of cables × cable diameter	Material	PU piece
Cablefix Bus flange (B/V) + Sensor/Actuator flange (S/A)						
600320	1×B/V	50.0 × 50.0 × 11.5	46 × 46	2 × 6.1 - 8.8 + 2 × 7.8 - 10.7 mm	Flange: PA 6.6 Seal: TPE Plugs: PA 6 Retaining plates and screws: galvanised steel	5

Note:

50 mm must be allotted for each flange mounted side by side.
e.g. a combination of 3 flanges results in hole dimensions of 46 mm × 46 mm plus 2 × 50 mm = 46 mm × 146 mm.

Cable fittings and accessories

Cablefix Sensor/Actuator flange (S/A)



Application
Cablefix flanges are used to introduce cables and wires into a housing. They are used in light to medium-weight machine and plant construction.

Properties

- The Cablefix flanges can be mounted side by side using the dovetail guides. This makes it possible to implement various individual combinations of flanges to suit the specific requirements.
- The integrated strain relief closes automatically when the cables and wires are pushed through.
- An integrated formed rubber part seals off the cables and wires by means of sealing lips.
- For troubleshooting, maintenance or retrofitting, the individual cables can be easily loosened from the spring clamp using a screwdriver and replaced.
- Unused inputs can be closed off using the plugs supplied with the product.
- Resistant to fuels, mineral oils, greases, alkalis
- Halogen- and silicone-free

Technical data

Protection class	IP 55 (mounting orientation from below)
Temperature range	-30 °C to +70 °C
Burning behaviour	Flange UL 94 V2
max. metal gauge	3 mm
Breakthrough with standard sheet metal hole punch	46 × 46mm

Part-No.	Type	Dimensions (w × h × d) mm	Cut-out W × H mm	Number of cables × ca- ble diameter	Material	PU piece
Cablefix Sensor/Actuator flange (S/A)						
600321	1×S/A	50.0 × 50.0 × 11.5	46 × 46	8 × 3.8 - 6.3 mm	Flange: PA 6.6 Seal: TPE Plugs: PA 6 Retaining plates and screws: galvanised steel	5

Note:
50 mm must be allotted for each flange mounted side by side.
e.g. a combination of 3 flanges results in hole dimensions of 46 mm × 46 mm plus 2 × 50 mm = 46 mm × 146 mm.