

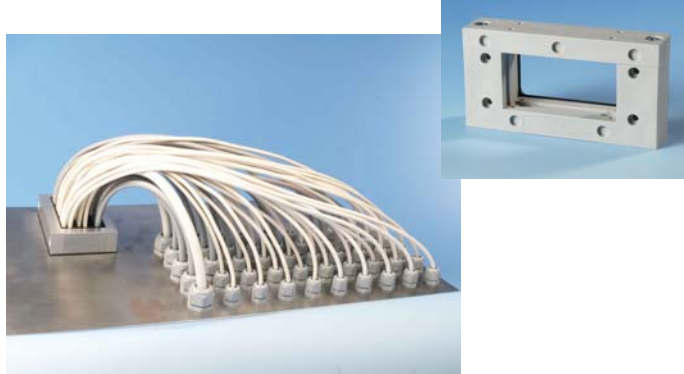
VARIOZELL®



VARIOSOLID

Cable entry and Strain-relief systems

VARIOZELL is the innovative producer of Cable entry and Strain-relief systems.



Because the system allows you to modify the composition of the rubber modules to meet the needs of the immediate situation, the system can be used for a multitude of purposes.

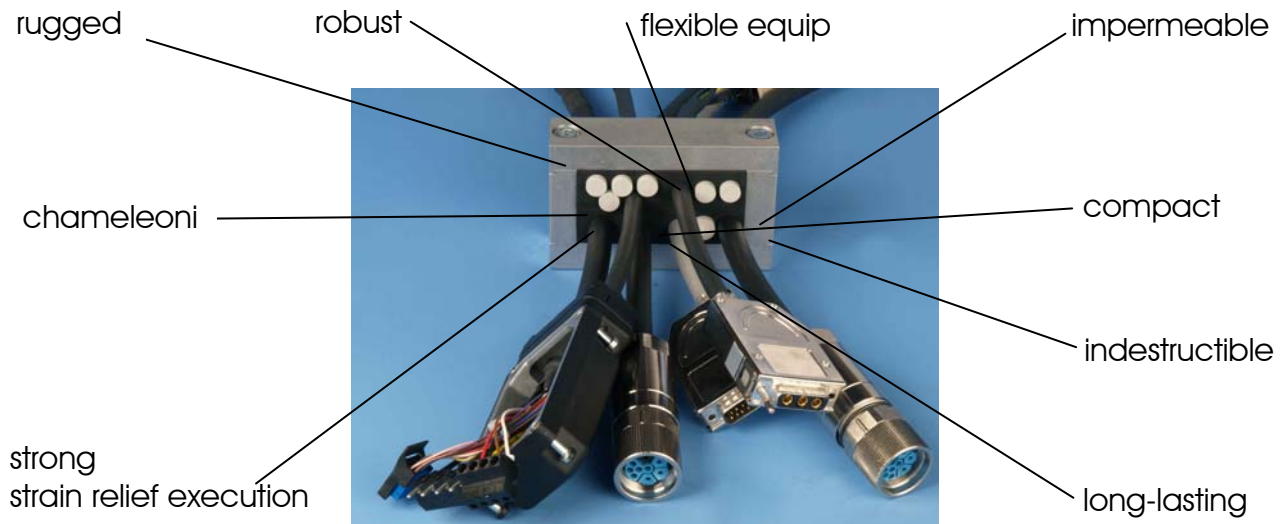


The patented rubber modules guarantee a quick and easily modifiable solution for routing and retrofitting cables.

The system can be assembled and mounted on-site after connectors are attached to cables, making it an adaptable solution for all challenges.



The advantages of using the **VARIOSOLID** system:



Is suited for a multitude of purposes like electro engineering, pneumatics, hydraulics, hose and tube-systems.

Highly adaptable to all situations as the system can be assembled and mounted on-site after construction or other installation.

Handling and storage costs are reduced by working with just one system. (Sizes for the frames and rubber modules for both the Cable entry and Strain-relief systems are the same.)

Pre-wired and pre-molded connector systems can be easily used in the Variozell system.

The easily modifiable system allows for cutting one-sized openings for cable entryways, thus reducing project costs.

The system is especially suited for air hoses because equal pressure is applied around the entire frame as well as on the individual cables held within the modules, consequently eliminating diminution of the diameter of hoses.

Compact in design and requires less space.

We use only stable, high quality materials with a long life-span.

The system is an ideal companion for use with cable carriers.

VARIOSOLID – Cable Entry Systems with Strain-relief



- Frame construction consists of high-quality, solid aluminum
- Standard construction: Aluminum barrel finished
- Can also be supplied anodized or V4A-Stahl (1.4571)
- Simple, trouble free assembly of rubber modules through a specially designed tongue and groove system
- Patented rubber modules make it highly adaptable to all situations
- Compact design requires little space
- Both the Cable entry and Strain-relief system use the same sized frames and rubber modules which simplifies and accelerates handling
- IP 65 protection rating

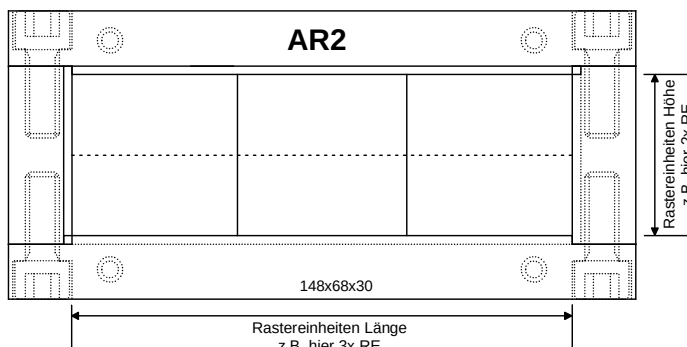


Technical data

Type	Dimensions [mm]			Unit* L x H	Pkg. units	Order No.	
	L	H	D				
AR 1	108	68	30	2x2	1	25001	
AR 2	148	68	30	3x2	1	25002	
AR 3	148	88	30	3x3	1	25003	
AR 4	148	108	30	3x4	1	25004	
AR 5	188	78	30	4x2	1	25005	
AR 6	188	98	30	4x3	1	25006	
AR 7	188	118	30	4x4	1	25007	
AR 8	108	88	30	2x3	1	25008	
AR 9	108	108	30	2x4	1	25009	
AR 10	108	128	30	2x5	1	25010	
AR 11	148	128	30	3x5	1	25011	
AR 12	188	138	30	4x5	1	25012	
AR 13	228	118	30	5x4	1	25013	
AR 14	228	138	30	5x5	1	25014	
AS 2	148	68	30	3x2	1	25022	Standard drilling pattern 24-PIN connector

*Unit corresponds to the number of rubber modules required, eighter type for VK. 1x VG is equivalent to 2x VK modules

Exaple for Sytem AR2:



Note:

1x Rack Unit =
1x VK-Module

2x Rack Units high =
1x VG-Module

Additional cables can be inserted into the system at any time by simply loosening the tractable opening.

VARIOSOLID – Cable Strain-relief System



- Frame construction consists of high-quality, solid aluminum
- Standard construction: Aluminum barrel finished
- Can also be supplied anodized or V4A-Stahl (1.4571)
- Simple, trouble free assembly of rubber modules through a specially designed tongue and groove system
- Patented rubber modules make it highly adaptable to all situations
- Compact design requires little space
- Both the Cable entry and Strain-relief system use the same sized frames and rubber modules which simplifies and accelerates handling

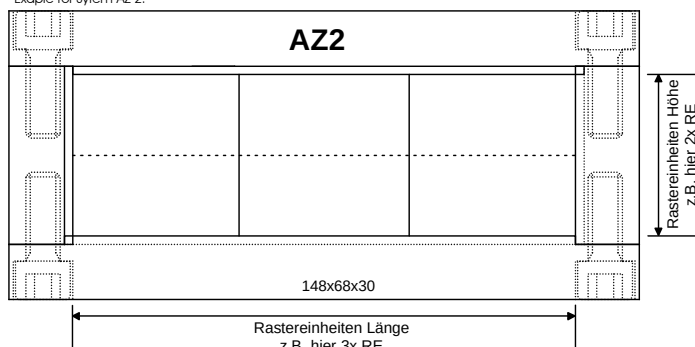


Technical data

Type	Dimensions [mm]			Unit* L x H	Pkg. units	Order No.
	L	H	D			
AZ 1	108	68	30	2x2	1	26001
AZ 2	148	68	30	3x2	1	26002
AZ 3	148	88	30	3x3	1	26003
AZ 4	148	108	30	3x4	1	26004
AZ 5	188	78	30	4x2	1	26005
AZ 6	188	98	30	4x3	1	26006
AZ 7	188	118	30	4x4	1	26007
AZ 8	108	88	30	2x3	1	26008
AZ 9	108	108	30	2x4	1	26009
AZ 10	108	128	30	2x5	1	26010
AZ 11	148	128	30	3x5	1	26011
AZ 12	188	138	30	4x5	1	26012
AZ 13	228	118	30	5x4	1	26013
AZ 14	228	138	30	5x5	1	26014
AZ 15	108	148	30	2x6	1	26015
AZ 16	148	148	30	3x6	1	26016
AZ 17	188	158	30	4x6	1	26017
AZ 18	228	158	30	5x6	1	26018

*Unit corresponds to the number of rubber modules required, eighter type for VK. 1x VG is equivalent to 2x VK modules

Exaple for System AZ 2:



Note:

1x Rack Unit =
1x VK-Module

2x Rack Units high =
1x VG-Module

Additional cables can be inserted into the system at any time by simply loosening the tractable opening.

VARIOSOLID – Plastic Cable Entry Systems and Strain-relief System



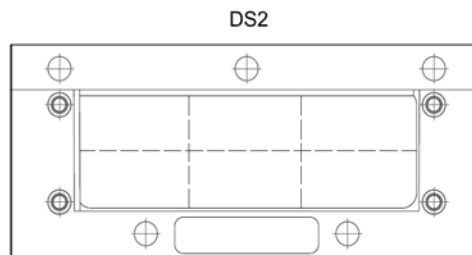
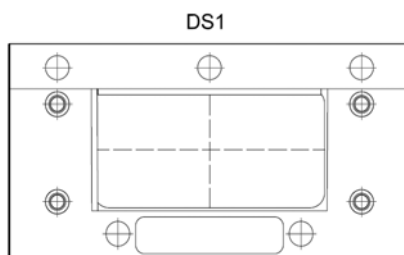
- Simple, trouble free assembly of rubber modules through a specially designed tongue and groove system
- Patented rubber modules make it highly adaptable to all situations
- Compact design requires little space
- One System for Cable Entry Systems and Strain-relief System
- all-purpose System
- assembly temperatur: > 10°C
- IP 65 protection rating

Characteristics of plastic:

- Thermal stability -40°C to 100°C
- Plastic PA6 GF30 with brass reinforcement

Technical data

Type	Dimensions [mm]			Unit* L x H	Pkg. units	Order No.	Details
	L	H	D				
DS 1	136	71	30	2x2	1	25321	Standard drilling pattern 16-PIN connector (103x32 mm)
DS 2	164	71	30	3x2	1	25322	Standard drilling pattern 24-PIN connector (130x32 mm)



Note:

1x Rack Unit =
1x VK-Module

2x Rack Units high =
1x VG-Module

Additional cables can be inserted into the system at any time by simply loosening the tractable opening.

VARIOSOLID – Rubber Modules – Small



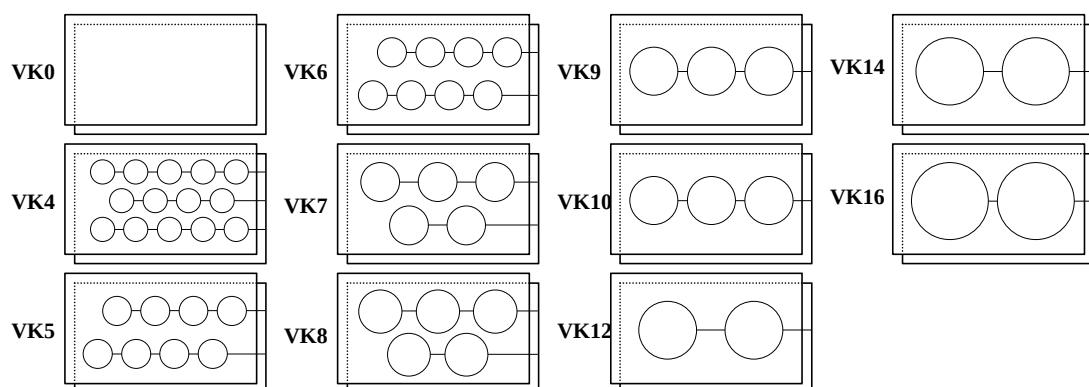
- Simple, trouble free assembly of rubber modules through a specially designed tongue and groove system eliminating the need for extra metal holders within the frame
- Cable passes easily through the lateral slit in each rubber module

Rubber modules are made of high quality, thermoplastic material:

- Material: TPE
- Withstand temperatures from -40°C to 135°C
- Flame resistant and resist UV radiation, ozone, oil, acid, leach, petroleum, solvent and sea water
- Corrosion resistant

Technical data

Typ	Clamping Range [mm]		No. of Feed-throughs	Pkg. units	Order No.
VK 0	Vollmaterial		0	1	20001
VK 4	4,0	- 4,5	14	1	20002
VK 5	4,5	- 5,5	8	1	20003
VK 6	5,5	- 6,5	8	1	20004
VK 7	6,5	- 7,5	5	1	20005
VK 8	7,5	- 8,5	5	1	20006
VK 9	8,5	- 9,5	3	1	20007
VK 10	9,5	- 10,5	3	1	20008
VK 12	10,5	- 12,5	2	1	20009
VK 14	12,5	- 14,5	2	1	20010
VK 16	14,5	- 16,5	2	1	20011



Note:

Pre-wired and pre-molded connectors can be easily used with the VARIOZELL system.

Feed-throughs which are not used can be plugged with available blind plugs.

VARIOSOLID – Rubber Modules – Large



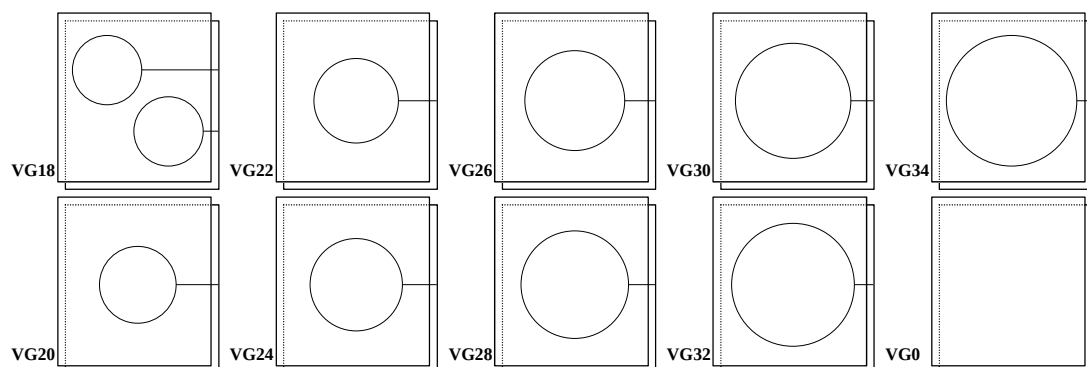
- Simple, trouble free assembly of rubber modules through a specially designed tongue and groove system eliminating the need for extra metal holders within the frame
- Cable passes easily through the lateral slit in each rubber module

Rubber modules are made of high quality, thermoplastic material:

- Material: TPE
- Withstand temperatures from -40°C to 135°C
- Flame resistant and resist UV radiation, ozone, oil, acid, leach, petroleum, solvent and sea water
- Corrosion resistant

Technical data

Typ	Clamping Range [mm]		No. of Feed-throughs	Pkg. units	Order No.
VG 0	Vollmaterial		0	1	21001
VG 18	16,5	- 18,5	2	1	21002
VG 20	18,5	- 20,5	1	1	21003
VG 22	20,5	- 22,5	1	1	21004
VG 24	22,5	- 24,5	1	1	21005
VG 26	24,5	- 26,5	1	1	21006
VG 28	26,5	- 28,5	1	1	21007
VG 30	28,5	- 30,5	1	1	21008
VG 32	30,5	- 32,5	1	1	21009
VG 34	32,5	- 34,5	1	1	21010



Note:

Pre-wired and pre-molded connectors can be easily used with the VARIOZELL system.

Feed-throughs which are not used can be plugged with available blind plugs.

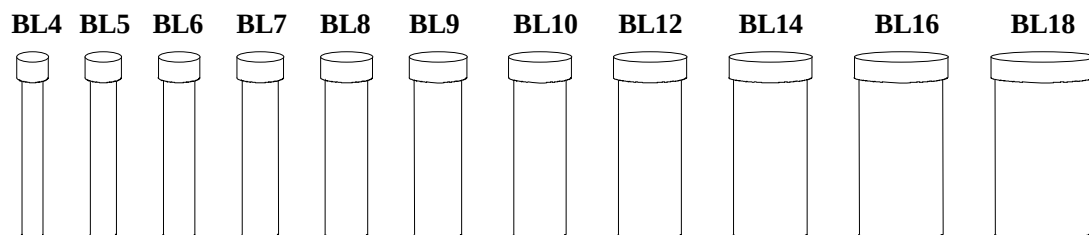
VARIOSOLID – Blind Plugs for Rubber Modules



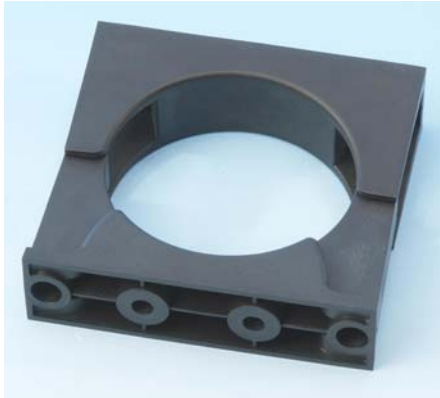
- Feed-throughs which are not used can be plugged with a simple blind plug.
- Material: PA6 GF15

Technical data

Type	Diameter [mm]	Length [mm]	Pkg. units	Order No.	Details
BL 4	4	30	1	24001	correspond to rubber modul VK 4 (Best.Nr. 20002)
BL 5	5	30	1	24002	correspond to rubber modul VK 5 (Best.Nr. 20003)
BL 6	6	30	1	24003	correspond to rubber modul VK 6 (Best.Nr. 20004)
BL 7	7	30	1	24004	correspond to rubber modul VK 7 (Best.Nr. 20005)
BL 8	8	30	1	24005	correspond to rubber modul VK 8 (Best.Nr. 20006)
BL 9	9	30	1	24006	correspond to rubber modul VK 9 (Best.Nr. 20007)
BL 10	10	30	1	24007	correspond to rubber modul VK 10 (Best.Nr. 20008)
BL 12	12	30	1	24008	correspond to rubber modul VK 12 (Best.Nr. 20009)
BL 14	14	30	1	24009	correspond to rubber modul VK 14 (Best.Nr. 20010)
BL 16	16	30	1	24010	correspond to rubber modul VK 16 (Best.Nr. 20011)
BL 18	18	30	1	24011	correspond to rubber modul VK 18 (Best.Nr. 21002)



VARIOSOLID – Accumulative Strain-relief



- Material: PA6GF30
- Clamp diameter 34 bis 80 mm
- Clamp base 14 bis 50 cm²

Technical data

Type	Clamp diameter [mm]	Clamp base [cm ²]	Pkg. units	Order No.
SZ80	34 bis 80	14 bis 50	1	25401



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Do you have questions, a special request or a particular purpose?

We would be pleased to receive your call. Our Team assists you to find a solution.

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