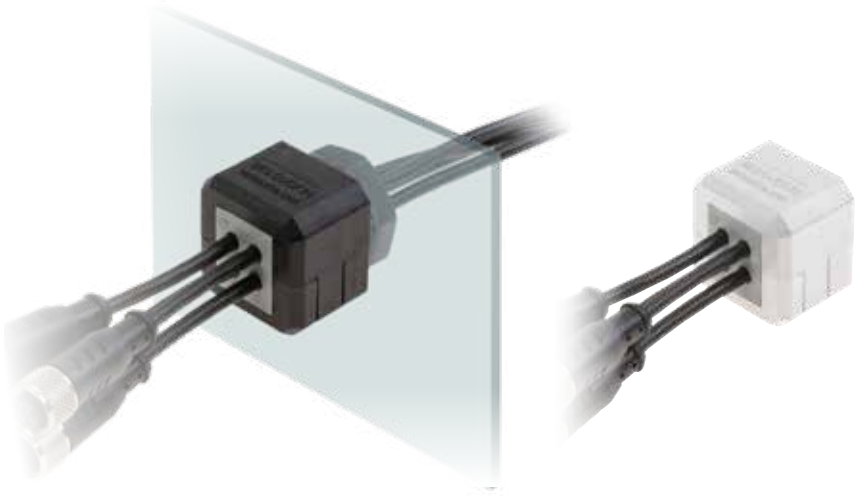
DESCLICK

Divisible cable glands with locknut

FEATURES

- Without screws
- Metric sizes: M20, M25 and M32
- Strain relief according to EN 62444
- Sturdy construction IK10
- IP54
- Locknut and gasket included
- Grey or black version



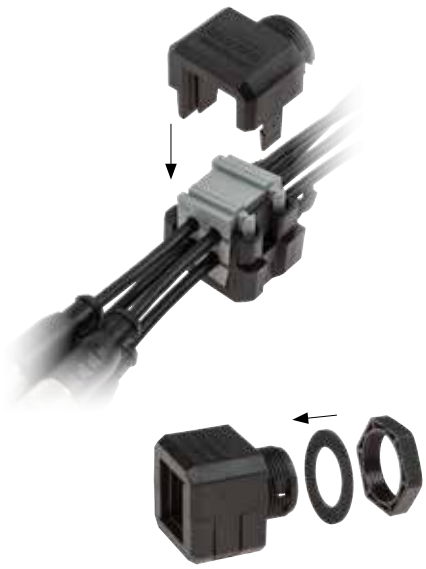
DESCLICK is a metric, divisible cable glands family for cables with and without connectors.
DESCLICK models can be equipped with SPP grommets with single, double or quadruple holes from 2 to 16 mm diameter.

Material: PC, halogen-free, silicone-free
Flammability: self-extinguishing acc. to UL94-V0
Temperature: -40°C... +130°C (static)

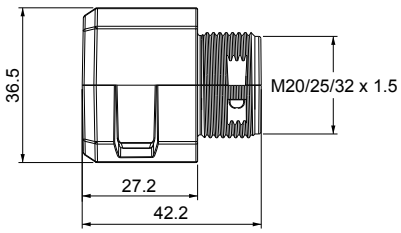
RELATED PRODUCTS

- SPP grommets (from page 65)
- HY360 hydraulic punch driver (page 179)
- Divisible locknuts (page 49)

Model	Code	Max. grommet size			Max. cut-out (Ø mm)	Pcs (/pack)
		● ■	●● ■■	⁘ ⁘		
DESCLICK 20B	1731051020	SPP 12	SPP 2x5	SPP 4x2	20,5	10
DESCLICK 25B	1731051025	SPP 16	SPP 2x6	SPP 4x4	25,5	
DESCLICK 32B	1731051032	SPP 16	SPP 2x7	SPP 4x6	32,5	
DESCLICK 20G	1731051320	SPP 12	SPP 2x5	SPP 4x2	20,5	
DESCLICK 25G	1731051325	SPP 16	SPP 2x6	SPP 4x4	25,5	
DESCLICK 32G	1731051332	SPP 16	SPP 2x7	SPP 4x6	32,5	



Dimensions (mm)



Tutorial

IP54 NEMA 12 UL TYPE 12 UL94-V0 UV ISO 4892-2A RoHS COMPLIANT IK10

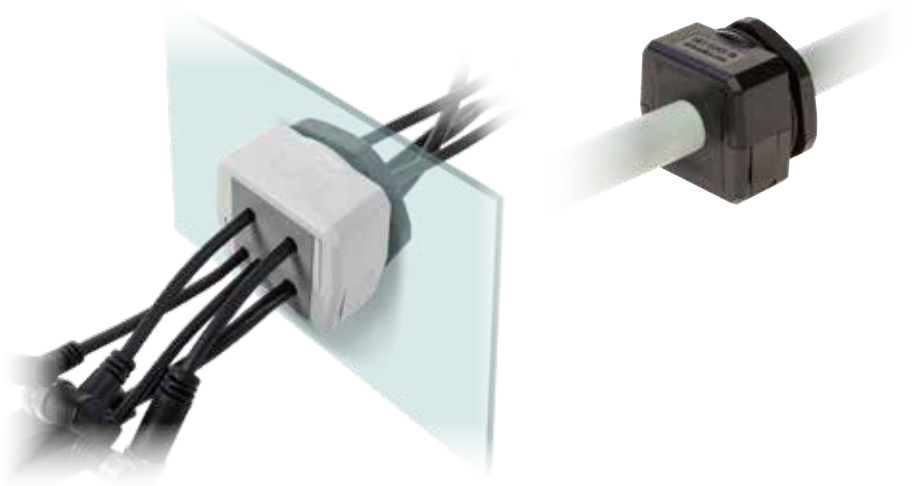
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DESCLICK 50

Divisible cable glands with locknut

FEATURES

- Without screws
- Strain relief according to EN 62444
- M50 metric size
- Sturdy construction IK10
- IP54



DESCLICK 50 is a divisible cable gland with M50 thread. It includes the M50 nut. DESCLICK 50 can be equipped with SPP and SPG grommets in all available versions.

Material: PC, halogen-free, silicone-free
Flammability: self-extinguishing acc. to UL94-V0
Temperature: -40°C... +130°C (static)

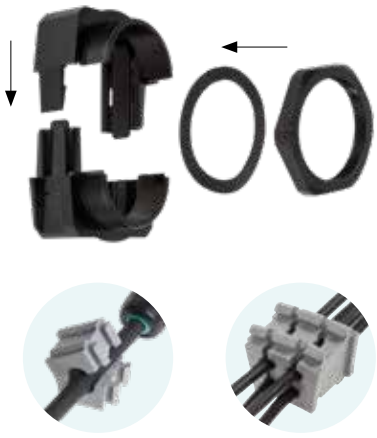
RELATED PRODUCTS

- SPP grommets (from page 65)
- SPG grommets (from page 71)
- HY360 hydraulic punch driver (page 179)
- Divisible locknuts (page 49)

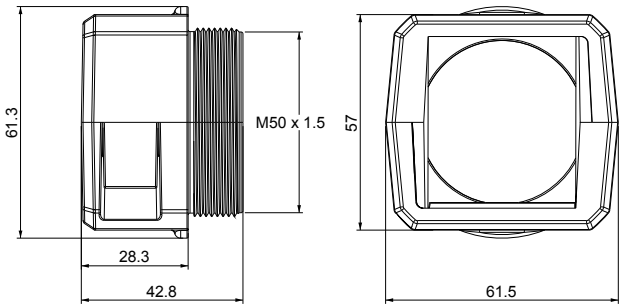
Model	Code	Max. grommet size				Max. cut-out (Ø mm)	Pcs (/pack)
DESCLICK 50B	1731051050	SPP 15	SPP 2 x 6	SPP 4 x 3	SPG 34	50,5	10
DESCLICK 50G	1731051350						

Some possible configurations





Dimensions (mm)



Tutorial

IP54	NEMA 12	UL TYPE 12	UL94-V0	UV ISO 4892-2A	RoHS COMPLIANT	IK10

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DDMD

Divisible locknuts M20, M25, M32, M40, M50, M63

FEATURES

- Divisible metric thread locknuts
- UL94-V0
- Black colour
- Recommended tightening torque 7 Nm

The DDMD divisible locknuts allow the pass through of connectors which are dimensionally larger than the conventional locknuts to be used with the original divisible cable gland. Six sizes are available, all for metric threads.

Material: PA66, halogen-free, silicone-free
Flammability: self-extinguishing acc. to UL94-V0
Temperature: -40°C... +120°C (static)

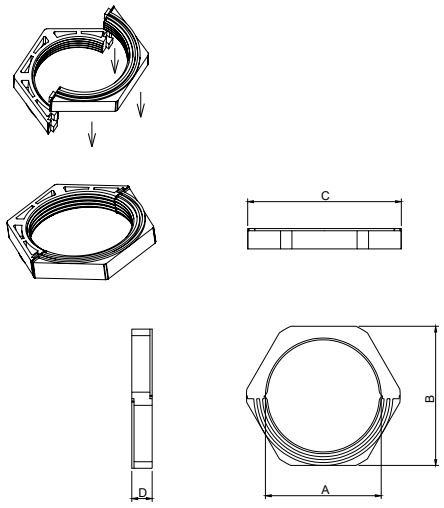
RELATED PRODUCTS

- OSF
- OSF40
- OSF 90
- DESPRED
- DESPRED ZZ
- DESCLICK
- DESCLICK 50
- DESCLICK Z



Model	Code	Thread	Pcs (/pack)
DDMD M20	1731253020	M20	1
DDMD M25	1731253025	M25	
DDMD M32	1731253032	M32	
DDMD M40	1731253040	M40	
DDMD M50	1731253050	M50	
DDMD M63	1731253063	M63	

Dimensions (mm)



UL94-V0 · UV ISO 4892-2A · RoHS COMPLIANT · **IK10**

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SPP

SPP grommets – small: single, double and quadruple



FEATURES

- Grommets for cables from 2 to 17 mm diameter
- "Blind" version available
- Grey and black colours available
- UL94-V0 for both colours
- ATEX version on request (Group 7)

The SPP grommets allow several cables with or without connectors from 2 to 17 mm diameter to be routed in the DES splittable frame. The 2x and 4x models can be used to significantly increase the cables quantity in the frame.

Material: TPE, halogen-free, silicone-free
Flammability: self-extinguishing acc. to UL94-V0 (grey or black)
Temperature: -40°C... +110°C (static)

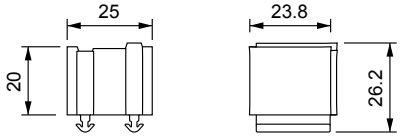
Material successfully tested for UV and water exposure resistance according to UL 746C related procedures, suitable for outdoor applications.

RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DESPRED
- DESCLICK
- DES 24M
- DES 24MX
- DES 16M
- DES 16MX
- UltraTray 4

Model	Code	Model	Code	Ø Cable (mm)	Pcs (/pack)
SPP 0G	1731020100	SPP 0B	1731020200	"Blind"	10
SPP 2G	1731020102	SPP2B	1731020202	2-3	
SPP 3G	1731020103	SPP 3B	1731020203	3-4	
SPP 4G	1731020104	SPP 4B	1731020204	4-5	
SPP 5G	1731020105	SPP 5B	1731020205	5-6	
SPP 6G	1731020106	SPP 6B	1731020206	6-7	
SPP 7G	1731020107	SPP 7B	1731020207	7-8	
SPP 8G	1731020108	SPP 8B	1731020208	8-9	
SPP 9G	1731020109	SPP 9B	1731020209	9-10	
SPP 10G	1731020110	SPP 10B	1731020210	10-11	
SPP 11G	1731020111	SPP 11B	1731020211	11-12	
SPP 12G	1731020112	SPP 12B	1731020212	12-13	
SPP 13G	1731020113	SPP 13B	1731020213	13-14	
SPP 14G	1731020114	SPP 14B	1731020214	14-15	
SPP 15G	1731020115	SPP 15B	1731020215	15-16	
SPP 16G	1731020116	SPP 16B	1731020216	16-17	
SPP 2x2G	1731020304	SPP 2x2B	1731020404	2 x 2	10
SPP 2x3G	1731020306	SPP 2x3B	1731020406	2 x 3	
SPP 2x4G	1731020308	SPP 2x4B	1731020408	2 x 4	
SPP 2x5G	1731020310	SPP 2x5B	1731020410	2 x 5	
SPP 2x6G	1731020312	SPP 2x6B	1731020412	2 x 6	
SPP 2x7G	1731020314	SPP 2x7B	1731020414	2 x 7	
SPP 2x8G	1731020316	SPP 2x8B	1731020416	2 x 8	
SPP 4x2G	1731020318	SPP 4x2B	1731020418	4 x 2	10
SPP 4x3G	1731020320	SPP 4x3B	1731020420	4 x 3	
SPP 4x4G	1731020322	SPP 4x4B	1731020422	4 x 4	
SPP 4x5G	1731020324	SPP 4x5B	1731020424	4 x 5	
SPP 4x6G	1731020326	SPP 4x6B	1731020426	4 x 6	
SPP 2x3+2x4,5G	1731020330	SPP 2x3+2x4,5B	1731020332	2x3 2x4,5	10
SPP ASI G	1731021130	-	-	1 x ASI	
SPP ASI2 G	1731021140	-	-	2 x ASI	

Dimensions (mm)



IP66 IP69K | NEMA 12, 4X | UL TYPE 12, 4X* *indoor only | HL3 EN 45545-2 | ECOLAB | UL94-V0 | UV ISO 4892-2A | RoHS COMPLIANT | ZONE 2/22 | EI45 EN1363-1

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SPP R

SPP grommets with extended range

FEATURES

- For cables with or without connectors
- Multi-Range grommets for cables from 3 to 15 mm diameter
- Only 4 models covering the entire range
- Grey and black colours available
- UL94-V0 for both colours



The openable extended range grommets of the SPP R family allow cables with or without connectors to be routed through all DES frames. Only four models are covering the diameters from 3 to 15 mm (R1... R4). Thanks to the SPP R grommets, warehouse costs are minimised and installation times significantly reduced.

Material: TPE, halogen-free, silicone-free
Flammability: self-extinguishing acc. to UL94-V0 (grey or black)
Temperature: -40°C... +110°C (static)

Material successfully tested for UV and water exposure resistance according to UL 746C related procedures, suitable for outdoor applications.

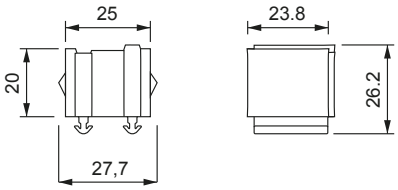
Model	Code	Model	Code	Ø Cable min/max (mm)	Pcs (/pack)
○		●			
SPP R1G	1731021200	**SPP R1B**	1731021210	3 - 6	10
SPP R2G	1731021202	**SPP R2B**	1731021212	6 - 9	
SPP R3G	1731021204	**SPP R3B**	1731021214	9 - 12	
SPP R4G	1731021206	**SPP R4B**	1731021216	12 - 15	

RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DESPRED
- DESCLICK
- DES 24M
- DES 24MX
- DES 24MX15
- DES 16M
- DES 16MX
- UltraTray 4



Dimensions (mm)



IP66 | NEMA 12, 4X | UL TYPE 12, 4X* *indoor only | HL3 EN 45545-2 | ECOLAB | UL94-V0 | UV ISO 4892-2A | RoHS COMPLIANT

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SPP K

Blind pierceable small grommets with extended range for cables without connectors



FEATURES

- Diameters from 2,5 to 16,5 mm
- "Blind" pierceable grommets
- Grey and black colours available
- UL94-V0 for both colours
- IP66 - NEMA 4X

The SPP K grommets have a dual function: they can be used as "blind" grommets for future application of single cable without connector or they can be used as single grommet for one cable without connector. The size can be choosen between 4 models from 2,5 a 16,5 mm diameter.
The double membrane ensures the best water and dust protection together with a great strain relief function.

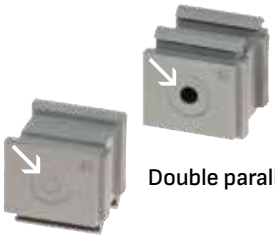
Material: TPE, halogen-free, silicone-free
Flammability: self-extinguishing acc. to UL94-V0 (grey or black)
Temperature: -40°C... +110°C (static)

Material successfully tested for UV and water exposure resistance according to UL 746C related procedures, suitable for outdoor applications.

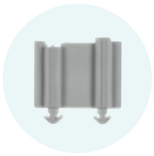
RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DESPRED
- DESCLICK
- DES 24M
- DES 24MX15
- DES 24MX
- DES 16M
- DES 16MX
- UltraTray 4

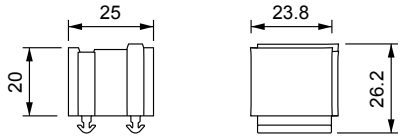
Model	Code	Model	Code	Ø Cable min/max (mm)	Pcs (/pack)
○		●			
SPP K0G	1731021100	**SPP K0B**	1731023100	"Blind"	10
SPP K1G	1731021110	**SPP K1B**	1731023110	2,5 - 7	
SPP K2G	1731021115	**SPP K2B**	1731023115	4,5 - 10	
SPP K3G	1731021120	**SPP K3B**	1731023120	7,5 - 12,5	
SPP K4G	1731021125	**SPP K4B**	1731023125	9 - 14	
SPP K5G	1731021127	**SPP K5B**	1731023127	12 - 16,5	



Double parallel membrane



Dimensions (mm)



IP66 | NEMA 12, 4X | UL TYPE 12, 4X* *indoor only | HL3 EN 45545-2 | ECOLAB | UL94-V0 | UV ISO 4892-2A | RoHS COMPLIANT

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SPP P

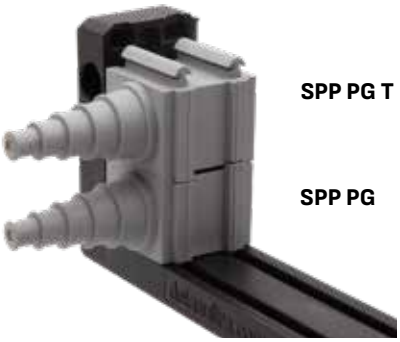
SPP multi-range grommets with pyramidal shape



SPP PG



SPP PG T



SPP PG T

SPP PG

FEATURES

- Universal solution for cables without connectors from 3 to 14mm diameter
- Can be used on all DES Frames and divisible cable glands
- IP66
- UL94-V0 for both grey and black colors

The SPP P grommets are suitable for cables without connectors. They are used cutting the cone corresponding to the diameter of the cable. The cable is then routed into the grommet where the internal shape is increasing the strain relief. Is it also possible to secure the cable with a cable tie.
The T version can be installed in the upper line of the DES series.

Material: TPE, halogen-free, silicone-free
Flammability: self-extinguishing acc. to UL94-V0
Temperature: -40°C... +110°C (static)

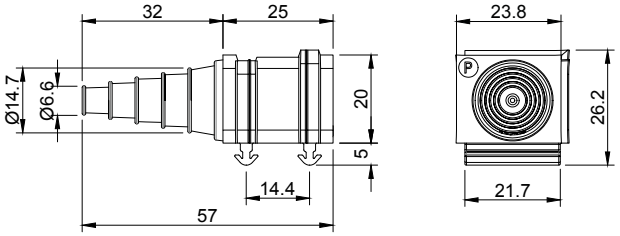
Material successfully tested for UV and water exposure resistance according to UL 746C related procedures, suitable for outdoor applications.

RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DESPRED
- DESCLICK
- DES 24M
- DES 24MX15
- DES 24MX
- DES 16M
- DES 16MX

Model	Code	Ø Cable min/max (mm)	Pcs (/pack)
SPP PG	1731020650	3 - 14	10
SPP PB	1731020652		
SPP PG T	1731020651		
SPP PB T	1731020653		

Dimensions (mm)



IP66 | NEMA 12, 4X | UL TYPE 12, 4X* *indoor only | HL3 EN 45545-2 | ECOLAB | UL94-V0 | UV ISO 4892-2A | RoHS COMPLIANT | ZONE 2/22

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SPP M

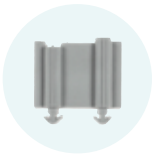
Multiple small grommets for cables without connectors

FEATURES

- Cable diameter max. 7 mm
- "Blind" pierceable grommets
- Grey and black colours available
- UL94-V0 for both colours
- IP66 - NEMA 4X







Model	Code	Model	Code	Nr. Cables	Ø Cable (mm)	Pcs (/pack)
SPP M4G	1731020504	SPP M4B	1731020604	4	max. 6	10
SPP M4bG	1731020505	SPP M4bB	1731020605	2 2	max. 3 max. 7	

The SPP M grommets have a dual function: they can be used as "blind" grommets for future application of multiple cables without connector or they can be used in the DES splittable frame as multi grommets for non terminated cables. The double membrane ensures the highest water and dust protection.

Material: TPE, halogen-free, silicone-free
Flammability: self-extinguishing acc. to UL94-V0 (grey or black)
Temperature: -40°C... +110°C (static)

Material successfully tested for UV and water exposure resistance according to UL 746C related procedures, suitable for outdoor applications.

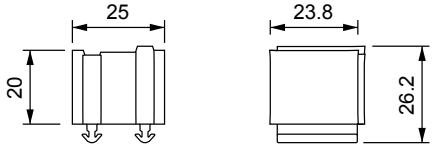
Double parallel membrane



RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DESPRED
- DESCLICK
- DES 24M, MX
- DES 24MX15
- DES 16M, MX

Dimensions (mm)



IP66 | NEMA 12, 4X | UL TYPE 12, 4X* *indoor only | HL3 EN 45545-2 | ECOLAB | UL94-V0 | UV ISO 4892-2A | RoHS COMPLIANT

SPP Z

Flat cables grommets

FEATURES

- Up to 65mm large flat cables
- No need of special frames, suitable for all DES family frames
- Same size of 3 SPP



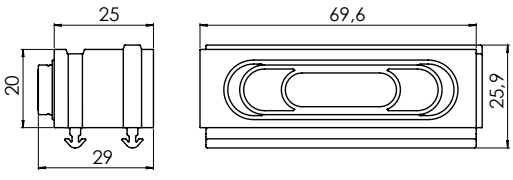


Material: TPE, halogen-free, silicone-free
Flammability: self-extinguishing acc. to UL94-V0
Temperature: -40°C... +110°C (static)

Material successfully tested for UV and water exposure resistance according to UL 746C related procedures, suitable for outdoor applications.

Model	Code	Pcs (/pack)
SPP Z3	1731020730	1

SPP Z3 is a grommet for flat cables designed to accommodate different sizes. The piercable membrane has multiple sections. It works with the existing DES frames without the need of a dedicated frame. When the cable perforates the membrane it crosses the wall and it is protected from dust and water and offers a very good strain relief. It is particularly recommended for dynamic applications in industrial automation, robotics and cable chains, where flat cables are subject to frequent and continuous movements, to ensure protection against dust and water and effective strain relief at the entry point.



RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES 24 MX15
- DES 24M, MX
- DES 16M, MX
- DES L5, L4, L3

up to IP66 | NEMA 12, 4X | UL TYPE 12, 4X* *indoor only | ECOLAB | UL94-V0 | UV ISO 4892-2A | RoHS COMPLIANT

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SPP F

Small grommets with threaded inserts

FEATURES

- Grommet with thread for pneumatic connection sleeve and other connectors
- Continous thread for 1/4" and 1/8" models, only front on M8 / M12
- SS304 inserts available on request

Thanks to the integrated thread, the SPP F series can be used as terminals for sensors, pneumatics, etc.

Material: TPE, brass insert, halogen-free, silicone-free
Flammability: self-extinguishing acc. to UL94-V0
Temperature: -40°C... +110°C (static)

Material successfully tested for UV and water exposure resistance according to UL 746C related procedures, suitable for outdoor applications.

RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DESPRED
- DESCLICK
- DES 24M, MX
- DES 24MX15
- DES 16M, MX


M8 x 0,5


M12 x 1


SPP F1/8G




M16 x 1,5


SPP F1/4G



Model	Code	Thread	Pcs (/pack)
SPP F8G	1731020708	M8 x 0,5	1
SPP F12G	1731020712	M12 x 1	
SPP F16G	1731020716	M16 x 1,5	
SPP F1/4G	1731020725	1/4"	
SPP F1/8G	1731020728	1/8"	

IP66 NEMA 12, 4X UL TYPE 12, 4X* *indoor only ECOLAB UL94-V0 UV ISO 4892-2A RoHS COMPLIANT

1

SPP VENT

Small grommet with pressure compensation valve

FEATURES

- Quick assembly
- M12 thread

SPP VENT is agrommet with a pressure-compensating valve, recommended for environments requiring uniform pressure. The depressurising grommet is inserted into DES splittable frames and thanks to its valve, it compensates for the pressure of the environment and thus avoiding temperature differences and consequent condensation. The ventilation element has an M12x1 thread which can be removed to use threaded connectors and sensors.



RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DES L
- DESPRED
- DESCLICK

Material: TPE, brass insert, PP valve, halogen-free, silicone-free
Flammability: self-extinguishing acc. UL94-V0
Temperature -40°C... +110°C

Material successfully tested for UV and water exposure resistance according to UL 746C related procedures, suitable for outdoor applications.

Model	Code	Thread	Pcs (/pack)
SPP VENT G	1731020720	M12	1

IP66 NEMA 12, 4X UL TYPE 12, 4X* *indoor only ECOLAB UL94-V0 UV ISO 4892-2A RoHS COMPLIANT

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SPG

SPG grommets – large





FEATURES

- Grommets for cables with and without connectors or for corrugated conduits from 17 to 35 mm diameter
- UL94-V0 for both grey and black
- ATEX version on request (Group 7)

The SPG grommets are designed for cables with or without connectors or for corrugated conduits with diameter from 17 to 35 mm.

Material: TPE, halogen-free, silicone-free
Flammability: self-extinguishing acc. to UL94-V0 (grey and black)
Temperature: -40°C... +110°C (static)

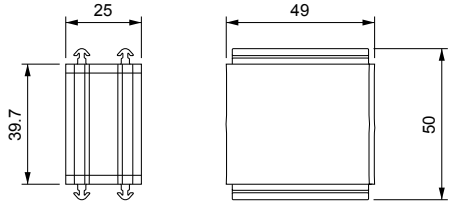
Material successfully tested for UV and water exposure resistance according to UL 746C related procedures, suitable for outdoor applications.

RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DESPRED
- DESCLICK
- DES 24M
- DES 24MX
- DES 16M
- DES 16MX
- UltraTray 4

Model	Code	Model	Code	Ø Cable min/max (mm)	Pcs (/pack)
○		●			
SPG 0G	1731022000	**SPG 0B**	1731022020	"Blind"	10
SPG 17G	1731022117	**SPG 17B**	1731022217	17-18	
SPG 18G	1731022118	**SPG 18B**	1731022218	18-19	
SPG 19G	1731022119	**SPG 19B**	1731022219	19-20	
SPG 20G	1731022120	**SPG 20B**	1731022220	20-21	
SPG 21G	1731022121	**SPG 21B**	1731022221	21-22	
SPG 22G	1731022122	**SPG 22B**	1731022222	22-23	
SPG 23G	1731022123	**SPG 23B**	1731022223	23-24	
SPG 24G	1731022124	**SPG 24B**	1731022224	24-25	
SPG 25G	1731022125	**SPG 25B**	1731022225	25-26	
SPG 26G	1731022126	**SPG 26B**	1731022226	26-27	
SPG 27G	1731022127	**SPG 27B**	1731022227	27-28	
SPG 28G	1731022128	**SPG 28B**	1731022228	28-29	
SPG 29G	1731022129	**SPG 29B**	1731022229	29-30	
SPG 30G	1731022130	**SPG 30B**	1731022230	30-31	
SPG 31G	1731022131	**SPG 31B**	1731022231	31-32	
SPG 32G	1731022132	**SPG 32B**	1731022232	32-33	
SPG 33G	1731022133	**SPG 33B**	1731022233	33-34	
SPG 34G	1731022134	**SPG 34B**	1731022234	34-35	

Dimensions (mm)



IP66 IP69K | NEMA 12, 4X | UL TYPE 12, 4X* *indoor only | HL3 EN 45545-2 | ECOLAB | UL94-V0 | UV ISO 4892-2A | RoHS COMPLIANT | ZONE 2/22 | EI45 EN1363-1

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SPG 2R

NEW

SPG grommets with extended range

FEATURES

- Large grommets for cables from 18 to 20 mm diameter
- IP66
- Grey and black colors
- UL94-V0 for both colors





The multi-range, openable grommets of the SPG 2R Series allow the use of cables with or without connectors. They are suitable for cables with diameters from 18 to 20 mm. SPG 2R grommets enable routing of two cables simultaneously, even with different diameters, ensuring significant savings in terms of cost, time, and space compared to traditional solutions.

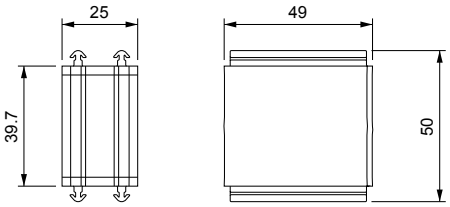
Material: TPE, halogen-free, silicone-free
Flammability: self-extinguishing acc. to UL94-V0 (gray and black)
Temperature: -40°C... +110°C (static)

Material successfully tested for UV and water exposure resistance according to UL 746C related procedures, suitable for outdoor applications.

RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DESPRED
- DESCLICK
- DES 24M
- DES 24MX
- DES 16M
- DES 16MX
- DESPRED 63

Dimensions (mm)



	Model	Code	Cable diameter range (mm)	Pcs (/pack)
NEW	SPG 2R1G	1731022140	18 - 20	10
	SPG 2R1B	1731022240	18 - 20	

IP66 · HL3 EN 45545-2 · ECOLAB · UL94-V0 · UV ISO 4892-2A · RoHS COMPLIANT

1

SPG Y

SPG to SPP adapter grommet

FEATURES

- Large grommet which can be used as adapter for one small grommet
- Grey and black colors
- UL94-V0 for both colors

Model	Code	Pcs (/pack)
SPG YG	1731022030	10
SPG YG	1731022035	10

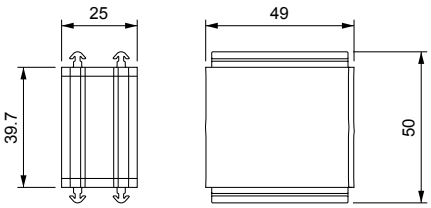




The SPG Y are large grommets that have space inside for mounting a single or multiple small grommet.
They are used to avoid blind grommets or when a reduction in the number of grommets is required.

Material: TPE, halogen-free, silicone-free
Flammability: self-extinguishing acc. to UL94-V0
Temperature: -40°C... +110°C (static)

Dimensions (mm)



Material successfully tested for UV and water exposure resistance according to UL 746C related procedures, suitable for outdoor applications.

RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DESPRED
- DESCLICK 50
- DES 24M, MX
- DES 16M, MX

IP54 · NEMA 12 · ECOLAB · UL94-V0 · UV ISO 4892-2A · RoHS COMPLIANT

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SPG K

Blind pierceable large grommets with extended range for cables without connectors

FEATURES

- K1, K2 e K3 for cables without connectors with diameters from 16 to 30 mm
- IP66 for SPG K1, K2 and K3

The SPG K are blind grommets which can be used for cables without connectors with diameter from 16 to 30mm.
The SPG K0 can be perforated but the IP protection is not guaranteed.
Thanks to the double membrane in the SPG K1-K2-K3 grommets, an optimal protection against dust and water is achieved.

Material: TPE, halogen-free, silicone-free
Flammability: self-extinguishing acc. to UL94-V0 (grey and black)
Temperature: -40°C... +110°C (static)

Material successfully tested for UV and water exposure resistance according to UL 746C related procedures, suitable for outdoor applications.

RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DESPRED
- DESCLICK
- DES 24M
- DES 24MX
- DES 16M
- DES 16MX
- UltraTray 4



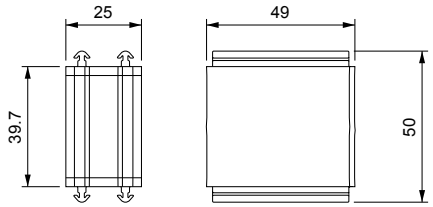
Double parallel membrane

Model	Code	Model	Code	Ø Cable min/max (mm)	Pcs (/pack)
SPG K0G	1731022300	SPG K0B	1731022400	max. 32	10
SPG K1G	1731022310	SPG K1B	1731022410	16 - 22	
SPG K2G	1731022320	SPG K2B	1731022420	23 - 26	
SPG K3G	1731022330	SPG K3B	1731022430	26 - 30	





Dimensions (mm)



IP66 NEMA 12, 4X HL3 EN 45545-2 ECOLAB UL94-V0 UV ISO 4892-2A RoHS COMPLIANT EI45 EN1363-1

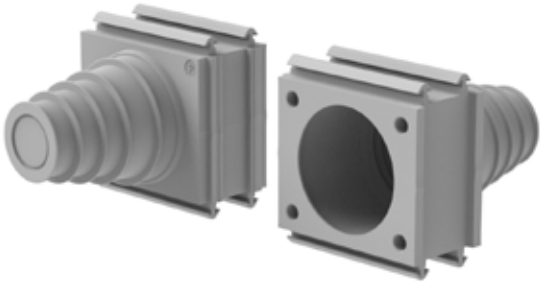
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SPG P

SPG multi-range grommets with pyramidal shape

FEATURES

- Universal solution for cables without connectors from 17 to 33 mm diameter
- Can be used on all DES Frames and divisible cable glands
- IP66
- UL94-V0 for both grey and black colors

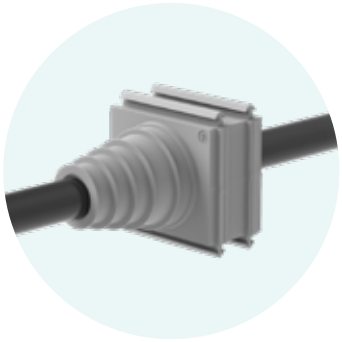


The SPG P grommets are suitable for cables without connectors. They are used cutting the cone corresponding to the diameter of the cable. The cable is then routed into the grommet where the internal shape is increasing the strain relief.
Is it also possible to secure the cable with a cable tie.

Material: TPE, halogen-free, silicone-free
Flammability: self-extinguishing acc. to UL94-V0
Temperature: -40°C... +110°C (static)

Material successfully tested for UV and water exposure resistance according to UL 746C related procedures, suitable for outdoor applications.

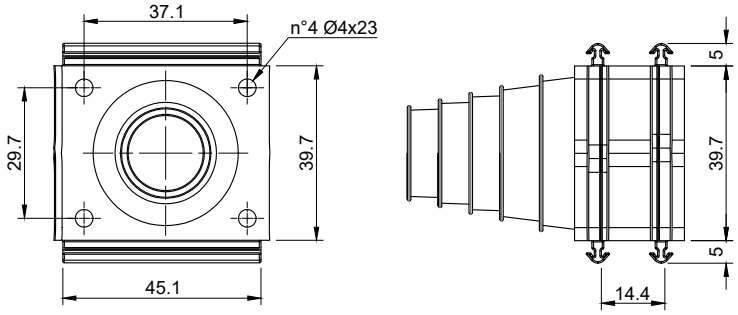
Model	Code	Cable diameter range (mm)	Pcs (/pack)
SPG PG	1731020745	17 - 33	10
SPG PB	1731020748		10



RELATED PRODUCTS

- DES FRAMES
- DESPRED
- DESCLICK 50

Dimensions (mm)



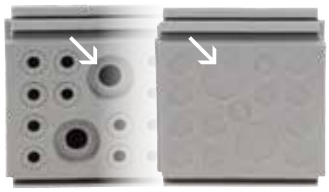
IP66 · NEMA 12, 4X · HL3 EN 45545-2 · ECOLAB · UL94-V0 · UV ISO 4892-2A · RoHS COMPLIANT · ZONE 2/22 · EI45 EN1363-1

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SPG M

Multiple large grommets for cables without connectors

Double parallel membrane







FEATURES

- Multiple grommets for high number of cables without connectors
- Grey and black colours available
- UL94-V0 for both colours
- Strain relief according to EN 62444

The SPG M grommets enable a high number of cables without connectors to be routed into the DES splittable frames.
The cable is pushed through the front membrane, whilst the second membrane increases the strain relief and liquid tightness

Material: TPE, halogen-free, silicone-free
Flammability: self-extinguishing acc. to UL94-V0 (grey or black)
Temperature: -40°C... +110°C (static)

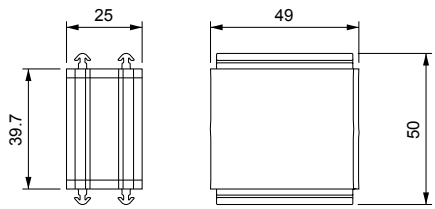
Material successfully tested for UV and water exposure resistance according to UL 746C related procedures, suitable for outdoor applications.

RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DESPRED
- DESCLICK
- DES 24M
- DES 24MX
- DES 16M
- DES 16MX
- UltraTray 4

Model	Code	Nr. Cables	Ø Cable (mm)	Pcs (/pack)
SPG M2G	1731022302	2	max. 18	10
SPG M2B	1731022402			
SPG M3G	1731022303	3	max. 16	
SPG M3B	1731022403			
SPG M4G	1731022304	4	max. 14	
SPG M4B	1731022402			
SPG M7G	1731022307	4 2 1	max. 13,5 max. 5 max. 9,5	
SPG M7B	1731022407			
SPG M9G	1731022309	9	max. 8	
SPG M9B	1731022409			
SPG M14G	1731022314	12 2	max. 6,5 max. 12	
SPG M14B	1731022414			
SPG M15G	1731022315	15	max. 7	
SPG M15B	1731022415			

Dimensions (mm)





IP66 · NEMA 12, 4X · UL TYPE 12, 4X* (*indoor only) · HL3 EN 45545-2 · ECOLAB · UL94-V0 · UV ISO 4892-2A · RoHS COMPLIANT

1

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SPG W

Large grommets for drives and service connectors


SPG WFP23


SPG WFQ20 SPG WFQ27


SPG W12x1 SPG W25x1,5


SPG WD22 SPG WCK

FEATURES

- Large grommets for panel connectors with diameters 20 and 22 mm, M12, M25, M23 flanges, square openable flanges, feedthrough, quick inserts for pneumatics, etc.
- Useful for quick connections without opening the electrical panel
- Customized solutions on request

The SPG W grommets allow the integration of panel connectors/sockets (Ø 20 and 22 mm, M12, M25, M23 flanges, openable square flanges, feedthrough, quick inserts for pneumatics, etc.) directly on the DES frames.
The advantage is the modularity of the system that allows quick connection and release of cables (data, power, pneumatics, etc.) without opening the machine panel.
This plug-in system facilitates the design of increasingly modular machines.

Material: TPE, insert PP+GF, halogen-free, silicone-free
Flammability: self-extinguishing acc. to UL94-V0
Temperature: -40°C... +110°C (static)

RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DESPRED
- DESCLICK
- DES 24M
- DES 24MX15
- DES 24MX
- DES 16M
- DES 16MX

Model	Code	Application	Pcs (/pack)
SPG WFP23	1731020830	For M23 flanges	1
SPG WFQ20	1731020815	For squared openable flange □38 mm , hole Ø 20 mm (for M15 connectors)	
SPG WFQ27	1731020820	For squared openable flange □38 mm with hole Ø 27 mm (for M23 connectors)	
SPG W12x1	1731020840	For M12 metric threads	
SPG W25x1,5	1731020850	For M25 metric threads	
SPG WD22	1731020810	For Ø 22 mm Panel connectors	
SPG WCK	1731020970	for ILME CK and Harting HAN series connectors	

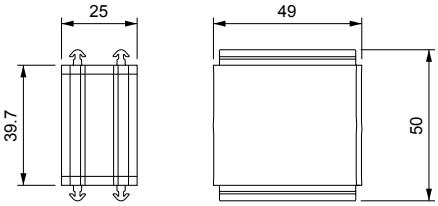
Compatible with a wide variety of panel sockets eg. sockets Ø 20/22 mm, M12, M25, M23 flanges, openable square flanges for M15 and M23 connectors, bulkheads and quick inserts for pneumatics, etc...



Some possible configurations



Dimensions (mm)



up to IP66 | up to NEMA 12, 4X | ECOLAB | UL94-V0 | UV ISO 4892-2A | RoHS COMPLIANT

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SPG W22

Large grommets for drives and service connectors



SPG W22 USB 3.0



SPG W22 USB-C



SPG W22 HDMI



SPG W22 RJ45 Cat.6



SPG W22 2xUSB 2.0

FEATURES

- Large grommets with embedded panel connectors with diameter 22 mm
- Aluminum or plastic connectors 180° Female/Female or Female/Male
- Useful for quick connections without opening the electrical panel
- Metal or plastic panel sockets
- Degree of protection IP65



The SPG W22 grommets allow the integration of panel sockets (USB, RJ45 etc...) directly on the DES frame.
The advantage is the modularity of a system that allows the quick coupling and release of data cables without the need to open the machine panel, as well as the guarantee of maintaining a high degree of protection.
This plug-in system facilitates the design of increasingly modular machines.

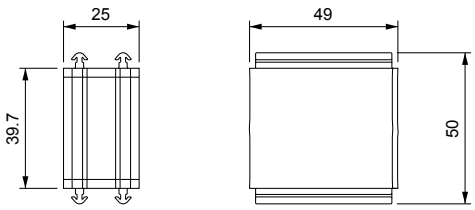
Material: TPE, insert PP+GF, sockets PA66 or aluminium, halogen-free, silicone-free
Flammability: self-extinguishing acc. to UL94-V0
Temperature: -40°C... +55°C (static)

RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DESPRED
- DESCLICK
- DES 24M
- DES 24MX15
- DES 24MX
- DES 16M
- DES 16MX

Model	Code	Application	Pcs (/pack)
SPG W22 USB 3.0	1731020905	With USB 3.0 (f/f) and IP65 cap	1
SPG W22 USB-C	1731020915	With USB-C (f/f) and IP65 cap	
SPG W22 RJ45 Cat.6	1731020930	With RJ45 Cat.6 (f/f) and IP65 cap	
SPG W22 HDMI	1731020935	With HDMI (f/f) and IP65 cap	
SPG W22 2xUSB 2.0	1731020940	With 2 USB 2.0 (f/f) and IP65 cap	

Dimensions (mm)



up to IP65 | up to NEMA 12, 4X | ECOLAB | UL94-V0 | UV ISO 4892-2A | RoHS COMPLIANT

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SPG WP

Large grommets with connectors for service sockets



SPG WP20 USB 3.0



SPG WP16 USB-C



SPG WP20 RJ45 Cat.6



SPG WP20 HDMI

FEATURES

- SPG grommets with panel sockets Ø 20 and 16 mm, USB, RJ45, HDMI and USB-C
- Female/Female 180°
- Useful for quick connections without opening the electrical panel
- Plastic socket with screw cap
- IP66

SPG WP grommets allow the integration of USB, RJ45 and HDMI panel sockets directly on the DES frames.
The advantage is the modularity of a system that allows the quick coupling and release of data cables without the need to open the machine panel, as well as the guarantee of maintaining a high degree of protection.
This plug-in system facilitates the design of increasingly modular machines.

Material: TPE, insert PP+GF, socket PA66, halogen-free, silicone-free
Flammability: self-extinguishing acc. to UL94-V0
Temperature: -40°C... +55°C (static)

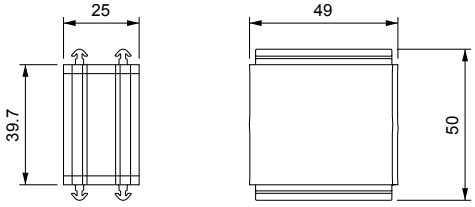
RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DESPRED
- DESCLICK
- DES 24M
- DES 24MX15
- DES 24MX
- DES 16M
- DES 16MX

Model	Code	Application	Pcs (/pack)
SPG WP20 USB 3.0	1731020907	With USB 3.0 (f/f) and cap	1
SPG WP16 USB-C	1731020913	With USB-C (f/f) and cap	
SPG WP20 RJ45 Cat.6	1731020933	With RJ45 Cat.6 (f/f) and cap	
SPG WP20 HDMI	1731020937	With HDMI (f/f) and cap	
SPG WP M12RJ	1731020939	M12 (4P) to RJ45	



Dimensions (mm)



up to IP66 | up to NEMA 12, 4X | ECOLAB | UL94-V0 | UV ISO 4892-2A | RoHS COMPLIANT

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