

KEL-DPZ-HD CR hygienic multi-membrane cable entry plates, round

for the use in cleanrooms, M32 - M63 / IP66 / IP68, FDA compliant



The new cable entry plates KEL-DPZ-HD CR with metric thread from M32 to M63 have been developed for installation in food processing and packaging machines as well as for cleanroom applications.

During the development according to the Hygienic Design guidelines, care was taken to ensure that the visible side of the cable entry plate are free of dirt-collecting recesses. The surface was kept very smooth. The outer contour has a radius of 6 mm instead of the required 3 mm. In addition, the KEL-DPZ-HD CR uses an FDA-compliant elastomer in accordance with food approval 1935/2004/EG and (EU) 10/2011. The signal colour blue ensures a clear visual colour recognition.

The cable entry plates are designed to route several cables and hoses with a diameter range of 3.2 mm to 22.2 mm and seal them acc. to IP65/66/67/68. A significant advantage over cable glands is the significantly higher cable density and the flexibility of the cable diameter range. The fixation is very simple with the locknut.

The products with article ending .600 are tested and certified for particle emission for cleanroom class 1 according to ISO 14644-1. The materials used for these products have been tested and certified for outgassing according to VOC/SVOC (ISO 14644-8; ISO 16000-6,-9,-11,-25, VDI 2083 sheet 17).

The products with the article ending .601 are tested and certified for particle emission for cleanroom class 1 according to ISO 14644-1.

IP54

IP68

IP55

Made in Germany

IP64

FDA

RoHS compliant

IP65

1935/2004/EG

REACH COMPLIANCE

IP66

EU VO. 10/2011

IP67

ECOLAB certified

Specifications

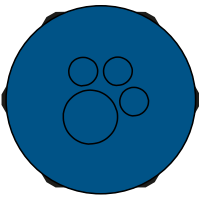
IP rating (EN 60529)	IP54, IP55, IP64, IP65, IP66, IP67, IP68
Material	Elastomer Base frame: Polyamide
Flame class	
Operating temperature	-40 C° to 80 C°
Properties	silicone free, halogen free, resistant to oil and mold, higher chemical resistance

Advantages & Benefits

- Elastomer of the cable entry plate made of material according to 1935/2004/EG, (EU) 10/2011
- FDA compliant
- Developed according to hygienic design guidelines (EHEDG)
- Hygienic design – free of dirt-collecting recesses
- Ecolab certified
- Very flat design
- Very smooth surface
- Very fast assembly
- Cable diameter 3,2 – 22,2 mm
- Very large sealing areas and clamping areas
- High cable density
- Dual sealing of cables (IP66/IP68)
- Suitable for metric cut-outs
- Reproducible cleaning process
- Very low moisture absorption
- High resistance to aromatic solvents, oils, greases, mineral products
- No corrosion possible because plastics have been processed
- Maintenance free

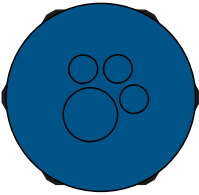
Product Types & Sizes

KEL-DPZ-HD 32|4 CR



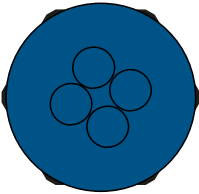
Part No.	70351.601	Mounting height	8 mm
EAN	4251269328657	External diameter	44 mm
Package quantity	5	Cut-out size, round	32,3 mm
For max. no. of cables	4	Cut-out size, metric	M32
Max. cable diameter	12,5 mm	Thread	M32 × 1,5
Color	blue (similar RAL 5005)	Thread length	14 mm
Height	22 mm	Surface roughness (ISO 4287)	Ra = 0,421 µm
		(S)VOC tested	No
		Clamping range	3 x 3.2 - 6.5 mm
			1 x 7.2 - 12.5 mm

KEL-DPZ-HD 32|4 CR
(S)VOC



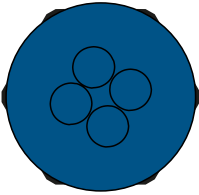
Part No.	70351.600	Mounting height	8 mm
EAN	4251269328534	External diameter	44 mm
Package quantity	5	Cut-out size, round	32,3 mm
For max. no. of cables	4	Cut-out size, metric	M32
Max. cable diameter	12,5 mm	Thread	M32 × 1,5
Color	blue (similar RAL 5005)	Thread length	14 mm
Height	22 mm	Surface roughness (ISO 4287)	Ra = 0,421 µm
		(S)VOC tested	ja
		Clamping range	3 x 3.2 - 6.5 mm
			1 x 7.2 - 12.5 mm

KEL-DPZ-HD 32|4-2 CR



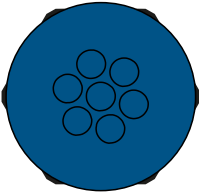
Part No.	70352.601	Mounting height	8 mm
EAN	4251269328664	External diameter	44 mm
Package quantity	5	Cut-out size, round	32,3 mm
For max. no. of cables	4	Cut-out size, metric	M32
Max. cable diameter	9,5 mm	Thread	M32 × 1,5
Color	blue (similar RAL 5005)	Thread length	14 mm
Height	22 mm	Surface roughness (ISO 4287)	Ra = 0,421 µm
		(S)VOC tested	No
		Clamping range	4 x 5 - 9.5 mm

KEL-DPZ-HD 32|4-2 CR
(S)VOC



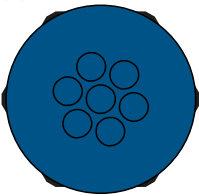
Part No.	70352.600	Mounting height	8 mm
EAN	4251269328541	External diameter	44 mm
Package quantity	5	Cut-out size, round	32,3 mm
For max. no. of cables	4	Cut-out size, metric	M32
Max. cable diameter	9,5 mm	Thread	M32 × 1,5
Color	blue (similar RAL 5005)	Thread length	14 mm
Height	22 mm	Surface roughness (ISO 4287)	Ra = 0,421 µm
		(S)VOC tested	ja
		Clamping range	4 x 5 - 9.5 mm

KEL-DPZ-HD 32|7 CR



Part No.	70353.601	Mounting height	8 mm
EAN	4251269328671	External diameter	44 mm
Package quantity	5	Cut-out size, round	32,3 mm
For max. no. of cables	7	Cut-out size, metric	M32
Max. cable diameter	6,5 mm	Thread	M32 × 1,5
Color	blue (similar RAL 5005)	Thread length	14 mm
Height	22 mm	Surface roughness (ISO 4287)	Ra = 0,421 µm
		(S)VOC tested	No
		Clamping range	7 x 3.2 - 6.5 mm

KEL-DPZ-HD 32|7 CR
(S)VOC

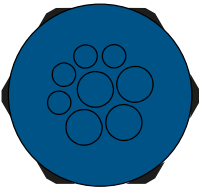


Part No. **70353.600**
EAN **4251269328558**
Package quantity **5**
For max. no. of cables **7**
Max. cable diameter **6,5 mm**
Color **blue (similar RAL 5005)**
Height **22 mm**

Mounting height
External diameter
Cut-out size, round
Cut-out size, metric
Thread
Thread length
Surface roughness (ISO 4287)
(S)VOC tested
Clamping range

8 mm
44 mm
32,3 mm
M32
M32 × 1,5
14 mm
Ra = 0,421 µm
ja
7 x 3.2 - 6.5 mm

KEL-DPZ-HD 40|8 CR

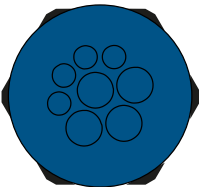


Part No. **70354.601**
EAN **4251269328688**
Package quantity **5**
For max. no. of cables **8**
Max. cable diameter **10,2 mm**
Color **blue (similar RAL 5005)**
Height **22 mm**

Mounting height
External diameter
Cut-out size, round
Cut-out size, metric
Thread
Thread length
Surface roughness (ISO 4287)
(S)VOC tested
Clamping range

8 mm
52 mm
40,4 mm
M40
M40 × 1,5
14 mm
Ra = 0,421 µm
No
4 x 3.2 - 6.5 mm
4 x 5 - 10.2 mm

KEL-DPZ-HD 40|8 CR
(S)VOC

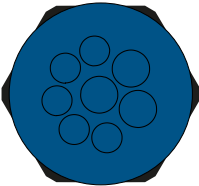


Part No. **70354.600**
EAN **4251269328565**
Package quantity **5**
For max. no. of cables **8**
Max. cable diameter **10,2 mm**
Color **blue (similar RAL 5005)**
Height **22 mm**

Mounting height
External diameter
Cut-out size, round
Cut-out size, metric
Thread
Thread length
Surface roughness (ISO 4287)
(S)VOC tested
Clamping range

8 mm
52 mm
40,4 mm
M40
M40 × 1,5
14 mm
Ra = 0,421 µm
ja
4 x 3.2 - 6.5 mm
4 x 5 - 10.2 mm

KEL-DPZ-HD 50|8 CR

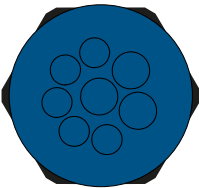


Part No. **70355.601**
EAN **4251269328695**
Package quantity **5**
For max. no. of cables **8**
Max. cable diameter **12,5 mm**
Color **blue (similar RAL 5005)**
Height **22 mm**

Mounting height
External diameter
Cut-out size, round
Cut-out size, metric
Thread
Thread length
Surface roughness (ISO 4287)
(S)VOC tested
Clamping range

8 mm
62 mm
50,4 mm
M50
M50 × 1,5
14 mm
Ra = 0,421 µm
No
5 x 5 - 10.2 mm
3 x 7.2 - 12.5 mm

KEL-DPZ-HD 50|8 CR
(S)VOC

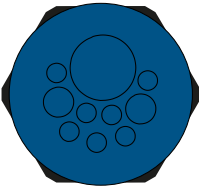


Part No. **70355.600**
EAN **4251269328572**
Package quantity **5**
For max. no. of cables **8**
Max. cable diameter **12,5 mm**
Color **blue (similar RAL 5005)**
Height **22 mm**

Mounting height
External diameter
Cut-out size, round
Cut-out size, metric
Thread
Thread length
Surface roughness (ISO 4287)
(S)VOC tested
Clamping range

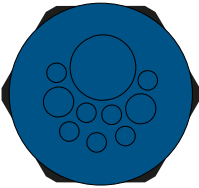
8 mm
62 mm
50,4 mm
M50
M50 × 1,5
14 mm
Ra = 0,421 µm
ja
5 x 5 - 10.2 mm
3 x 7.2 - 12.5 mm

KEL-DPZ-HD 50|10 CR



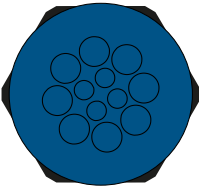
Part No.	70356.601	Mounting height	8 mm
EAN	4251269328701	External diameter	62 mm
Package quantity	5	Cut-out size, round	50,4 mm
For max. no. of cables	10	Cut-out size, metric	M50
Max. cable diameter	22,2 mm	Thread	M50 × 1,5
Color	blue (similar RAL 5005)	Thread length	14 mm
Height	22 mm	Surface roughness (ISO 4287)	Ra = 0,421 µm
		(S)VOC tested	No
		Clamping range	7 x 3.2 - 6.5 mm
			2 x 5 - 10.2 mm
			1 x 16 - 22.2 mm

KEL-DPZ-HD 50|10 CR
(S)VOC



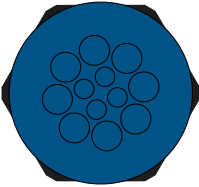
Part No.	70356.600	Mounting height	8 mm
EAN	4251269328589	External diameter	62 mm
Package quantity	5	Cut-out size, round	50,4 mm
For max. no. of cables	10	Cut-out size, metric	M50
Max. cable diameter	22,2 mm	Thread	M50 × 1,5
Color	blue (similar RAL 5005)	Thread length	14 mm
Height	22 mm	Surface roughness (ISO 4287)	Ra = 0,421 µm
		(S)VOC tested	ja
		Clamping range	7 x 3.2 - 6.5 mm
			2 x 5 - 10.2 mm
			1 x 16 - 22.2 mm

KEL-DPZ-HD 50|12 CR



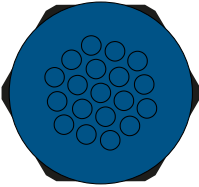
Part No.	70357.601	Mounting height	8 mm
EAN	4251269328718	External diameter	62 mm
Package quantity	5	Cut-out size, round	50,4 mm
For max. no. of cables	12	Cut-out size, metric	M50
Max. cable diameter	10,2 mm	Thread	M50 × 1,5
Color	blue (similar RAL 5005)	Thread length	14 mm
Height	22 mm	Surface roughness (ISO 4287)	Ra = 0,421 µm
		(S)VOC tested	No
		Clamping range	4 x 3.2 - 6.5 mm
			8 x 5 - 10.2 mm

KEL-DPZ-HD 50|12 CR
(S)VOC

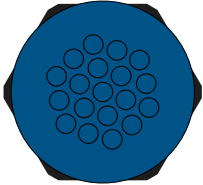
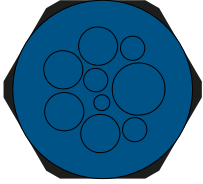
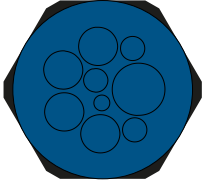
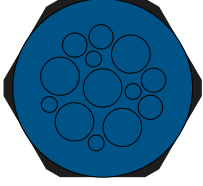
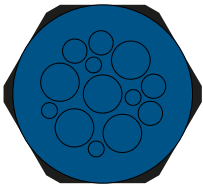


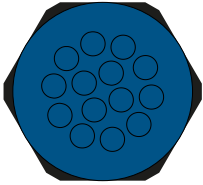
Part No.	70357.600	Mounting height	8 mm
EAN	4251269328596	External diameter	62 mm
Package quantity	5	Cut-out size, round	50,4 mm
For max. no. of cables	12	Cut-out size, metric	M50
Max. cable diameter	10,2 mm	Thread	M50 × 1,5
Color	blue (similar RAL 5005)	Thread length	14 mm
Height	22 mm	Surface roughness (ISO 4287)	Ra = 0,421 µm
		(S)VOC tested	ja
		Clamping range	4 x 3.2 - 6.5 mm
			8 x 5 - 10.2 mm

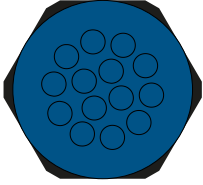
KEL-DPZ-HD 50|19 CR

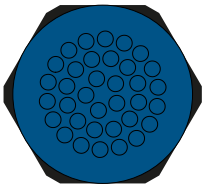


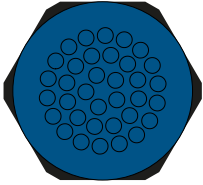
Part No.	70358.601	Mounting height	8 mm
EAN	4251269328725	External diameter	62 mm
Package quantity	5	Cut-out size, round	50,4 mm
For max. no. of cables	19	Cut-out size, metric	M50
Max. cable diameter	6,5 mm	Thread	M50 × 1,5
Color	blue (similar RAL 5005)	Thread length	14 mm
Height	22 mm	Surface roughness (ISO 4287)	Ra = 0,421 µm
		(S)VOC tested	No
		Clamping range	19 x 3.2 - 6.5 mm

KEL-DPZ-HD 50 19 CR (S)VOC		Part No. EAN Package quantity For max. no. of cables Max. cable diameter Color Height	70358.600 4251269328602 5 19 6,5 mm blue (similar RAL 5005) 22 mm	Mounting height External diameter Cut-out size, round Cut-out size, metric Thread Thread length Surface roughness (ISO 4287) (S)VOC tested Clamping range	8 mm 62 mm 50,4 mm M50 M50 × 1,5 14 mm Ra = 0,421 µm ja 19 x 3.2 - 6.5 mm
KEL-DPZ-HD 63 9 CR		Part No. EAN Package quantity For max. no. of cables Max. cable diameter Color Height	70359.601 4251269328732 5 9 22,2 mm blue (similar RAL 5005) 22 mm	Mounting height External diameter Cut-out size, round Cut-out size, metric Thread Thread length Surface roughness (ISO 4287) (S)VOC tested Clamping range	8 mm 75 mm 63,4 mm M63 M63 × 1,5 14 mm Ra = 0,421 µm No 1 x 3.2 - 6.5 mm 3 x 5 - 10.2 mm 4 x 9 - 16.2 mm 1 x 16 - 22.2 mm
KEL-DPZ-HD 63 9 CR (S)VOC		Part No. EAN Package quantity For max. no. of cables Max. cable diameter Color Height	70359.600 4251269328619 5 9 22,2 mm blue (similar RAL 5005) 22 mm	Mounting height External diameter Cut-out size, round Cut-out size, metric Thread Thread length Surface roughness (ISO 4287) (S)VOC tested Clamping range	8 mm 75 mm 63,4 mm M63 M63 × 1,5 14 mm Ra = 0,421 µm ja 1 x 3.2 - 6.5 mm 3 x 5 - 10.2 mm 4 x 9 - 16.2 mm 1 x 16 - 22.2 mm
KEL-DPZ-HD 63 13 CR		Part No. EAN Package quantity For max. no. of cables Max. cable diameter Color Height	70360.601 4251269328749 5 13 16,2 mm blue (similar RAL 5005) 22 mm	Mounting height External diameter Cut-out size, round Cut-out size, metric Thread Thread length Surface roughness (ISO 4287) (S)VOC tested Clamping range	8 mm 75 mm 63,4 mm M63 M63 × 1,5 14 mm Ra = 0,421 µm No 4 x 3.2 - 6.5 mm 4 x 5 - 10.2 mm 5 x 9 - 16.2 mm
KEL-DPZ-HD 63 13 CR (S)VOC		Part No. EAN Package quantity For max. no. of cables Max. cable diameter Color Height	70360.600 4251269328626 5 13 16,2 mm blue (similar RAL 5005) 22 mm	Mounting height External diameter Cut-out size, round Cut-out size, metric Thread Thread length Surface roughness (ISO 4287) (S)VOC tested Clamping range	8 mm 75 mm 63,4 mm M63 M63 × 1,5 14 mm Ra = 0,421 µm ja 4 x 3.2 - 6.5 mm 4 x 5 - 10.2 mm 5 x 9 - 16.2 mm

KEL-DPZ-HD 63 14 CR 	Part No.	70361.601	Mounting height	8 mm
	EAN	4251269328756	External diameter	75 mm
	Package quantity	5	Cut-out size, round	63,4 mm
	For max. no. of cables	14	Cut-out size, metric	M63
	Max. cable diameter	10,2 mm	Thread	M63 × 1,5
	Color	blue (similar RAL 5005)	Thread length	14 mm
	Height	22 mm	Surface roughness (ISO 4287)	Ra = 0,421 µm
			(S)VOC tested	No
			Clamping range	14 x 5 - 10.2 mm

KEL-DPZ-HD 63 14 CR (S)VOC 	Part No.	70361.600	Mounting height	8 mm
	EAN	4251269328633	External diameter	75 mm
	Package quantity	5	Cut-out size, round	63,4 mm
	For max. no. of cables	14	Cut-out size, metric	M63
	Max. cable diameter	10,2 mm	Thread	M63 × 1,5
	Color	blue (similar RAL 5005)	Thread length	14 mm
	Height	22 mm	Surface roughness (ISO 4287)	Ra = 0,421 µm
			(S)VOC tested	ja
			Clamping range	14 x 5 - 10.2 mm

KEL-DPZ-HD 63 35 CR 	Part No.	70362.601	Mounting height	8 mm
	EAN	4251269328763	External diameter	75 mm
	Package quantity	5	Cut-out size, round	63,4 mm
	For max. no. of cables	35	Cut-out size, metric	M63
	Max. cable diameter	6,5 mm	Thread	M63 × 1,5
	Color	blue (similar RAL 5005)	Thread length	14 mm
	Height	22 mm	Surface roughness (ISO 4287)	Ra = 0,421 µm
			(S)VOC tested	No
			Clamping range	35 x 3.2 - 6.5 mm

KEL-DPZ-HD 63 35 CR (S)VOC 	Part No.	70362.600	Mounting height	8 mm
	EAN	4251269328640	External diameter	75 mm
	Package quantity	5	Cut-out size, round	63,4 mm
	For max. no. of cables	35	Cut-out size, metric	M63
	Max. cable diameter	6,5 mm	Thread	M63 × 1,5
	Color	blue (similar RAL 5005)	Thread length	14 mm
	Height	22 mm	Surface roughness (ISO 4287)	Ra = 0,421 µm
			(S)VOC tested	ja
			Clamping range	35 x 3.2 - 6.5 mm