

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

with metric threads M32 - M63 / IP66 / IP68, FDA compliant



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

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 ($Ra = 0,421 \mu m$ acc. to ISO 4287). The outer contour has a radius of 6 mm instead of the required 3 mm. In addition, the KEL-DPZ-HD 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.



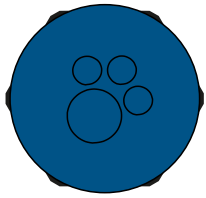
Specifications

IP rating (EN 60529)	IP54, IP55, IP64, IP65, IP66, IP67, IP68
Material	Elastomer Base frame: Polyamide
Flame class	UL94-HB
Operating temperature	-40 C° to 80 C°
Properties	silicone free, halogen free, resistant to oil and mould, higher chemical resistance

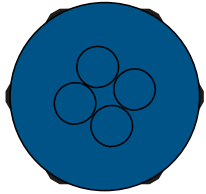
Advantages & benefits

- 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 ($Ra = 0,421 \mu m$ acc. to ISO 4287)
- 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
- Hexagonal locknut included in the delivery

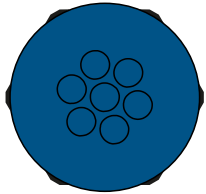
Product types & sizes

KEL-DPZ-HD 32|4

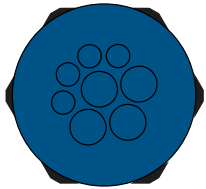
Part No.	70351	Surface roughness (ISO 4287)	Ra = 0,421 µm
EAN	4251269322785	Mounting height	8 mm
Package quantity	5	Cut-out size, round	32,3 mm
For max. no. of cables	4	Cut-out size, metric	M32
Colour	blau (ähnlich RAL 5005)	Thread	M32 x 1,5
Height	22 mm	Thread length	14 mm
External diameter	44 mm	Clamping range	3 x 3.2 - 6.5 mm 1 x 7.2 - 12.5 mm

KEL-DPZ-HD 32|4-2

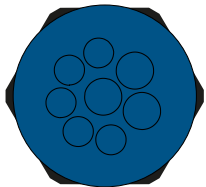
Part No.	70352	Surface roughness (ISO 4287)	Ra = 0,421 µm
EAN	4251269322792	Mounting height	8 mm
Package quantity	5	Cut-out size, round	32,3 mm
For max. no. of cables	4	Cut-out size, metric	M32
Colour	blau (ähnlich RAL 5005)	Thread	M32 x 1,5
Height	22 mm	Thread length	14 mm
External diameter	44 mm	Clamping range	4 x 5 - 9.5 mm

KEL-DPZ-HD 32|7

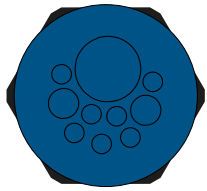
Part No.	70353	Surface roughness (ISO 4287)	Ra = 0,421 µm
EAN	4251269322808	Mounting height	8 mm
Package quantity	5	Cut-out size, round	32,3 mm
For max. no. of cables	7	Cut-out size, metric	M32
Colour	blau (ähnlich RAL 5005)	Thread	M32 x 1,5
Height	22 mm	Thread length	14 mm
External diameter	44 mm	Clamping range	7 x 3.2 - 6.5 mm

KEL-DPZ-HD 40|8

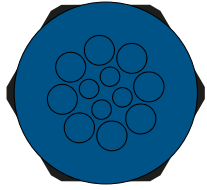
Part No.	70354	Surface roughness (ISO 4287)	Ra = 0,421 µm
EAN	4251269322815	Mounting height	8 mm
Package quantity	5	Cut-out size, round	40,4 mm
For max. no. of cables	8	Cut-out size, metric	M40
Colour	blau (ähnlich RAL 5005)	Thread	M40 x 1,5
Height	22 mm	Thread length	14 mm
External diameter	52 mm	Clamping range	4 x 3.2 - 6.5 mm 4 x 5 - 10.2 mm

KEL-DPZ-HD 50|8

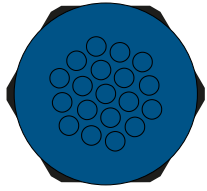
Part No.	70355	Surface roughness (ISO 4287)	Ra = 0,421 µm
EAN	4251269322822	Mounting height	8 mm
Package quantity	5	Cut-out size, round	50,4 mm
For max. no. of cables	8	Cut-out size, metric	M50
Colour	blau (ähnlich RAL 5005)	Thread	M50 x 1,5
Height	22 mm	Thread length	14 mm
External diameter	62 mm	Clamping range	5 x 5 - 10.2 mm 3 x 7.2 - 12.5 mm

KEL-DPZ-HD 50|10

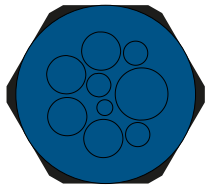
Part No.	70356	Surface roughness (ISO 4287)	Ra = 0,421 µm
EAN	4251269322839	Mounting height	8 mm
Package quantity	5	Cut-out size, round	50,4 mm
For max. no. of cables	10	Cut-out size, metric	M50
Colour	blau (ähnlich RAL 5005)	Thread	M50 × 1,5
Height	22 mm	Thread length	14 mm
External diameter	62 mm	Clamping 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

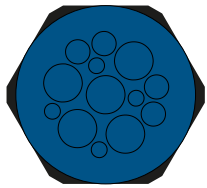
Part No.	70357	Surface roughness (ISO 4287)	Ra = 0,421 µm
EAN	4251269322846	Mounting height	8 mm
Package quantity	5	Cut-out size, round	50,4 mm
For max. no. of cables	12	Cut-out size, metric	M50
Colour	blau (ähnlich RAL 5005)	Thread	M50 × 1,5
Height	22 mm	Thread length	14 mm
External diameter	62 mm	Clamping range	4 x 3.2 - 6.5 mm 8 x 5 - 10.2 mm

KEL-DPZ-HD 50|19

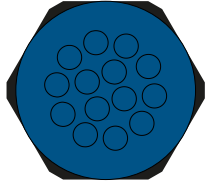
Part No.	70358	Surface roughness (ISO 4287)	Ra = 0,421 µm
EAN	4251269322853	Mounting height	8 mm
Package quantity	5	Cut-out size, round	50,4 mm
For max. no. of cables	19	Cut-out size, metric	M50
Colour	blau (ähnlich RAL 5005)	Thread	M50 × 1,5
Height	22 mm	Thread length	14 mm
External diameter	62 mm	Clamping range	19 x 3.2 - 6.5 mm

KEL-DPZ-HD 63|9

Part No.	70359	Surface roughness (ISO 4287)	Ra = 0,421 µm
EAN	4251269322860	Mounting height	8 mm
Package quantity	5	Cut-out size, round	63,4 mm
For max. no. of cables	9	Cut-out size, metric	M63
Colour	blau (ähnlich RAL 5005)	Thread	M63 × 1,5
Height	22 mm	Thread length	14 mm
External diameter	75 mm	Clamping range	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

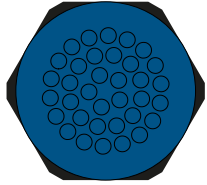
KEL-DPZ-HD 63|13

Part No.	70360	Surface roughness (ISO 4287)	Ra = 0,421 µm
EAN	4251269322877	Mounting height	8 mm
Package quantity	5	Cut-out size, round	63,4 mm
For max. no. of cables	13	Cut-out size, metric	M63
Colour	blau (ähnlich RAL 5005)	Thread	M63 × 1,5
Height	22 mm	Thread length	14 mm
External diameter	75 mm	Clamping range	4 x 3.2 - 6.5 mm 4 x 5 - 10.2 mm 5 x 9 - 16.2 mm

KEL-DPZ-HD 63|14

Part No. **70361**
 EAN **4251269322884**
 Package quantity **5**
 For max. no. of cables **14**
 Colour **blau (ähnlich RAL 5005)**
 Height **22 mm**
 External diameter **75 mm**

Surface roughness (ISO 4287) **Ra = 0,421 µm**
 Mounting height **8 mm**
 Cut-out size, round **63,4 mm**
 Cut-out size, metric **M63**
 Thread **M63 × 1,5**
 Thread length **14 mm**
 Clamping range **14 x 5 - 10.2 mm**

KEL-DPZ-HD 63|35

Part No. **70362**
 EAN **4251269322891**
 Package quantity **5**
 For max. no. of cables **35**
 Colour **blau (ähnlich RAL 5005)**
 Height **22 mm**
 External diameter **75 mm**

Surface roughness (ISO 4287) **Ra = 0,421 µm**
 Mounting height **8 mm**
 Cut-out size, round **63,4 mm**
 Cut-out size, metric **M63**
 Thread **M63 × 1,5**
 Thread length **14 mm**
 Clamping range **35 x 3.2 - 6.5 mm**

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