

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 ($R_a = 0,421 \mu\text{m}$ 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.

IP54	IP55	IP64	IP65	IP66
IP67	IP68	UL US in progress	FDA	1935/ 2004/ EG
EU VO. 10/2011	ECOLAB certified	PNEUMATICS	RoHS compliant	REACH COMPLIANCE
Made in Germany				

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 mold, Higher chemical 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 ($R_a = 0,421 \mu\text{m}$ 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

Product types & Sizes

KEL-DPZ-HD 32|4

Part No. **70351**
 EAN **4251269322785**
 PU **5**
 For max. no. of cables **4**
 Color **blau (ähnlich RAL 5005)**
 Height **22 mm**
 External diameter **44 mm**

Surface roughness (ISO 4287) **Ra = 0,421 µm**
 Mounting height **8 mm**
 Cut-out size, round **32,3 mm**
 Cut-out size, metric **M32**
 Thread **M32 × 1,5**
 Thread length **14 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**
 EAN **4251269322792**
 PU **5**
 For max. no. of cables **4**
 Color **blau (ähnlich RAL 5005)**
 Height **22 mm**
 External diameter **44 mm**

Surface roughness (ISO 4287) **Ra = 0,421 µm**
 Mounting height **8 mm**
 Cut-out size, round **32,3 mm**
 Cut-out size, metric **M32**
 Thread **M32 × 1,5**
 Thread length **14 mm**
 Clamping range **4 x 5 - 9.5 mm**

KEL-DPZ-HD 32|7

Part No. **70353**
 EAN **4251269322808**
 PU **5**
 For max. no. of cables **7**
 Color **blau (ähnlich RAL 5005)**
 Height **22 mm**
 External diameter **44 mm**

Surface roughness (ISO 4287) **Ra = 0,421 µm**
 Mounting height **8 mm**
 Cut-out size, round **32,3 mm**
 Cut-out size, metric **M32**
 Thread **M32 × 1,5**
 Thread length **14 mm**
 Clamping range **7 x 3.2 - 6.5 mm**

KEL-DPZ-HD 40|8

Part No. **70354**
 EAN **4251269322815**
 PU **5**
 For max. no. of cables **8**
 Color **blau (ähnlich RAL 5005)**
 Height **22 mm**
 External diameter **52 mm**

Surface roughness (ISO 4287) **Ra = 0,421 µm**
 Mounting height **8 mm**
 Cut-out size, round **40,4 mm**
 Cut-out size, metric **M40**
 Thread **M40 × 1,5**
 Thread length **14 mm**
 Clamping range **4 x 3.2 - 6.5 mm**
4 x 5 - 10.2 mm

KEL-DPZ-HD 50|8

Part No. **70355**
 EAN **4251269322822**
 PU **5**
 For max. no. of cables **8**
 Color **blau (ähnlich RAL 5005)**
 Height **22 mm**
 External diameter **62 mm**

Surface roughness (ISO 4287) **Ra = 0,421 µm**
 Mounting height **8 mm**
 Cut-out size, round **50,4 mm**
 Cut-out size, metric **M50**
 Thread **M50 × 1,5**
 Thread length **14 mm**
 Clamping range **5 x 5 - 10.2 mm**
3 x 7.2 - 12.5 mm

KEL-DPZ-HD 50|10

Part No. **70356**
 EAN **4251269322839**
 PU **5**
 For max. no. of cables **10**
 Color **blau (ähnlich RAL 5005)**
 Height **22 mm**
 External diameter **62 mm**

Surface roughness (ISO 4287) **Ra = 0,421 µm**
 Mounting height **8 mm**
 Cut-out size, round **50,4 mm**
 Cut-out size, metric **M50**
 Thread **M50 × 1,5**
 Thread length **14 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**
 EAN **4251269322846**
 PU **5**
 For max. no. of cables **12**
 Color **blau (ähnlich RAL 5005)**
 Height **22 mm**
 External diameter **62 mm**

Surface roughness (ISO 4287) **Ra = 0,421 µm**
 Mounting height **8 mm**
 Cut-out size, round **50,4 mm**
 Cut-out size, metric **M50**
 Thread **M50 × 1,5**
 Thread length **14 mm**
 Clamping range **4 x 3.2 - 6.5 mm**
8 x 5 - 10.2 mm

KEL-DPZ-HD 50|19

Part No. **70358**
 EAN **4251269322853**
 PU **5**
 For max. no. of cables **19**
 Color **blau (ähnlich RAL 5005)**
 Height **22 mm**
 External diameter **62 mm**

Surface roughness (ISO 4287) **Ra = 0,421 µm**
 Mounting height **8 mm**
 Cut-out size, round **50,4 mm**
 Cut-out size, metric **M50**
 Thread **M50 × 1,5**
 Thread length **14 mm**
 Clamping range **19 x 3.2 - 6.5 mm**

KEL-DPZ-HD 63|9

Part No. **70359**
 EAN **4251269322860**
 PU **5**
 For max. no. of cables **9**
 Color **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 **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**
 EAN **4251269322877**
 PU **5**
 For max. no. of cables **13**
 Color **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 **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**
 PU **5**
 For max. no. of cables **14**
 Color **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.

EAN

PU

For max. no. of cables

Color

Height

External diameter

70362

4251269322891

5

35

blau (ähnlich RAL 5005)

22 mm

75 mm

Surface roughness (ISO 4287)

Mounting height

Cut-out size, round

Cut-out size, metric

Thread

Thread length

Clamping range

Ra = 0,421 µm

8 mm

63,4 mm

M63

M63 x 1,5

14 mm

35 x 3.2 - 6.5 mm

