

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

IP67

EU VO. 10/2011

REACH COMPLIANCE

IP55

IP68

ECOLAB certified

Made in Germany

IP64


in progress


EN ISO 14644

IP65

FDA


PNEUMATICS

IP66

1935/2004/EG

RoHS compliant

Specifications

IP rating (EN 60529)	IP54, IP55, IP64, IP65, IP66, IP67, IP68
Material	Elastomer Base frame: Polyamide
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
- 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**
 EAN **4251269328657**
 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 CR (S)VOC

Part No. **70351.600**
 EAN **4251269328534**
 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 CR

Part No. **70352.601**
 EAN **4251269328664**
 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|4-2 CR (S)VOC

Part No. **70352.600**
 EAN **4251269328541**
 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 CR

Part No. **70353.601**
 EAN **4251269328671**
 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 32|7 CR (S)VOC

Part No. **70353.600**
 EAN **4251269328558**
 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 CR

Part No. **70354.601**
 EAN **4251269328688**
 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 40|8 CR (S)VOC

Part No. **70354.600**
 EAN **4251269328565**
 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 CR

Part No. **70355.601**
 EAN **4251269328695**
 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|8 CR (S)VOC

Part No. **70355.600**
 EAN **4251269328572**
 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 CR

Part No. **70356.601**
 EAN **4251269328701**
 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|10 CR
(S)VOC**

Part No. **70356.600**
EAN **4251269328589**
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 CR

Part No. **70357.601**
EAN **4251269328718**
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|12 CR
(S)VOC**

Part No. **70357.600**
EAN **4251269328596**
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 CR

Part No. **70358.601**
EAN **4251269328725**
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 50|19 CR
(S)VOC**

Part No. **70358.600**
EAN **4251269328602**
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 CR

Part No. **70359.601**
 EAN **4251269328732**
 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|9 CR (S)VOC

Part No. **70359.600**
 EAN **4251269328619**
 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 CR

Part No. **70360.601**
 EAN **4251269328749**
 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|13 CR (S)VOC

Part No. **70360.600**
 EAN **4251269328626**
 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 CR

Part No. **70361.601**
 EAN **4251269328756**
 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|14 CR
(S)VOC



Part No.	70361.600
EAN	4251269328633
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 CR



Part No.	70362.601
EAN	4251269328763
PU	5
For max. no. of cables	35
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	35 x 3.2 - 6.5 mm

KEL-DPZ-HD 63|35 CR
(S)VOC



Part No.	70362.600
EAN	4251269328640
PU	5
For max. no. of cables	35
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	35 x 3.2 - 6.5 mm