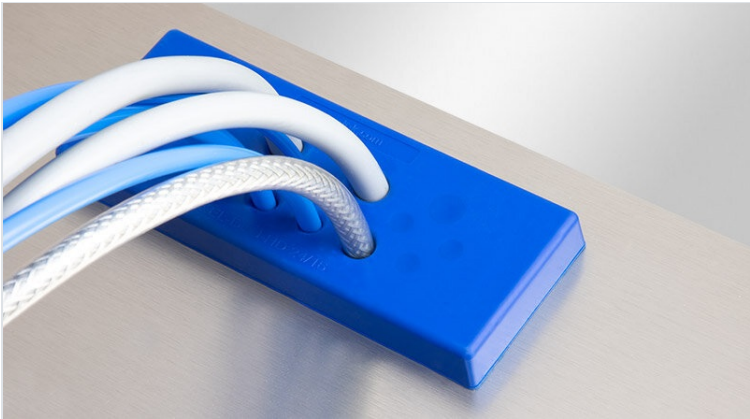


KEL-DPU-HD hygienic multi-membrane cable entry plates

with high strain relief function, pluggable / IP66 / IP68 / FDA compliant



The new cable entry plates KEL-DPU-HD have been specially 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-DPU-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.

KEL-DPU-HD entry plates are designed to route and seal cables without connectors (from 3.2 mm to 20.5 mm in diameter) in limited space with IP66/IP68**. The KEL-DPU-HD is particularly characterised by its solid robust frame and the increased strain relief of the routed cables.

The KEL-DPU-HD 24 matches exactly the cut-out dimensions of 24-pin standard industrial connectors. The cable entry plate is mounted either by screwing it to the inside of the enclosure or by snapping it into the cut-out.

** IP66/IP68 only when screw mounted

IP54

IP55

IP64

IP65

IP66

IP67

IP68

FDA

1935/
2004/
EG

EU VO.
10/2011

ECOLAB
certified

Made in
Germany

RoHS
compliant

REACH
COMPLIANCE

Specifications

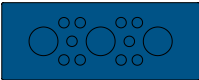
IP rating (EN 60529)	IP54, IP55, IP64, IP65, IP66, IP67, IP68
Material	Elastomer Base frame: Polypropylene
Flame class	UL94-HB
Operating temperature	-40 C° to 80 C°
Properties	silicone free, resistant to oil and mould, higher chemical resistance, halogen free
Mounting options	Screw type mounting, Snap-in

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
- Hygienic design - free of dirt-collecting recesses
- Very flat design, very smooth surface ($R_a = 0,421 \mu\text{m}$ acc. to ISO 4287)
- Dual sealing of cables (IP66/IP68**)
- High strength and stability
- High strain relief
- Fast and easy assembly
- Very high cable density
- Cable diameter 3.2 – 20.5 mm
- Reproducible cleaning process
- Very low moisture absorption
- High resistance to aromatic solvents, oils, greases, mineral products

Product types & sizes

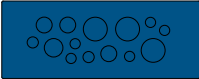
KEL-DPU-HD 24|13



Part No.	73940
EAN	4251269324260
Package quantity	10
For max. no. of cables	13
Max. cable diameter	20,5 mm
Length	147 mm
Width	58 mm

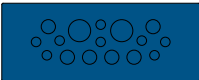
Height	14 mm
Mounting height	14 mm
Colour	blue (similar RAL 5005)
Surface roughness (ISO 4287)	$R_a = 0,421 \mu\text{m}$
Cut-out size	112 x 36 mm
Thread	M4
For min. wall thickness	1,5 mm
For max. wall thickness	2 mm
No. of screw holes	4
Diam. of screw holes	4 mm
Clamping range	10 x 3.2 - 6.3 mm 3 x 16 - 20.5 mm

KEL-DPU-HD 24|14



Part No.	73944	Height	14 mm
EAN	4251269324277	Mounting height	14 mm
Package quantity	10	Colour	blue (similar RAL 5005)
For max. no. of cables	14	Surface roughness (ISO 4287)	Ra = 0,421 µm
Max. cable diameter	10,5 mm	Cut-out size	112 × 36 mm
Length	147 mm	Thread	M4
Width	58 mm	For min. wall thickness	1,5 mm
		For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	4 mm
		Clamping range	5 x 3.2 - 6.3 mm
			2 x 4 - 7.5 mm
			3 x 5.5 - 10.5 mm
			1 x 8 - 12.5 mm
			3 x 12 - 16.2 mm

KEL-DPU-HD 24|16



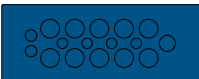
Part No.	73936	Height	14 mm
EAN	4251269324284	Mounting height	14 mm
Package quantity	10	Colour	blue (similar RAL 5005)
For max. no. of cables	16	Surface roughness (ISO 4287)	Ra = 0,421 µm
Max. cable diameter	14,5 mm	Cut-out size	112 × 36 mm
Length	147 mm	Thread	M4
Width	58 mm	For min. wall thickness	1,5 mm
		For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	4 mm
		Clamping range	8 x 3.2 - 5.5 mm
			6 x 5 - 8.5 mm
			2 x 9.5 - 14.5 mm

KEL-DPU-HD 24|16-1



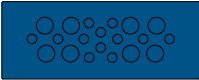
Part No.	73932	Height	14 mm
EAN	4251269324291	Mounting height	14 mm
Package quantity	10	Colour	blue (similar RAL 5005)
For max. no. of cables	16	Surface roughness (ISO 4287)	Ra = 0,421 µm
Max. cable diameter	16,2 mm	Cut-out size	112 × 36 mm
Length	147 mm	Thread	M4
Width	58 mm	For min. wall thickness	1,5 mm
		For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	4 mm
		Clamping range	2 x 3.2 - 6.3 mm
			9 x 4 - 7.5 mm
			1 x 5.5 - 10.5 mm
			1 x 8 - 12.5 mm
			3 x 12 - 16.2 mm

KEL-DPU-HD 24|17



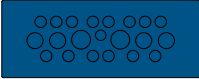
Part No.	73934	Height	14 mm
EAN	4251269324307	Mounting height	14 mm
Package quantity	10	Colour	blue (similar RAL 5005)
For max. no. of cables	17	Surface roughness (ISO 4287)	Ra = 0,421 µm
Max. cable diameter	12,5 mm	Cut-out size	112 × 36 mm
Length	147 mm	Thread	M4
Width	58 mm	For min. wall thickness	1,5 mm
		For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	4 mm
		Clamping range	4 x 3.2 - 6.3 mm
			2 x 4 - 7.5 mm
			1 x 5.5 - 10.5 mm
			10 x 8 - 12.5 mm

KEL-DPU-HD 24|20



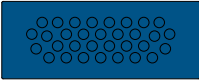
Part No.	73938	Height	14 mm
EAN	4251269324314	Mounting height	14 mm
Package quantity	10	Colour	blue (similar RAL 5005)
For max. no. of cables	20	Surface roughness (ISO 4287)	Ra = 0,421 µm
Max. cable diameter	10,5 mm	Cut-out size	112 × 36 mm
Length	147 mm	Thread	M4
Width	58 mm	For min. wall thickness	1,5 mm
		For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	4 mm
		Clamping range	12 x 3.2 - 5.5 mm
			8 x 5 - 10.5 mm

KEL-DPU-HD 24|21



Part No.	73930	Height	14 mm
EAN	4251269324321	Mounting height	14 mm
Package quantity	10	Colour	blue (similar RAL 5005)
For max. no. of cables	21	Surface roughness (ISO 4287)	Ra = 0,421 µm
Max. cable diameter	12,5 mm	Cut-out size	112 × 36 mm
Length	147 mm	Thread	M4
Width	58 mm	For min. wall thickness	1,5 mm
		For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	4 mm
		Clamping range	1 x 3.2 - 6.3 mm
			14 x 4 - 7.5 mm
			4 x 5.5 - 10.5 mm
			2 x 8 - 12.5 mm

KEL-DPU-HD 24|32



Part No.	73942	Height	14 mm
EAN	4251269324338	Mounting height	14 mm
Package quantity	10	Colour	blue (similar RAL 5005)
For max. no. of cables	32	Surface roughness (ISO 4287)	Ra = 0,421 µm
Max. cable diameter	6,3 mm	Cut-out size	112 × 36 mm
Length	147 mm	Thread	M4
Width	58 mm	For min. wall thickness	1,5 mm
		For max. wall thickness	2 mm
		No. of screw holes	4
		Diam. of screw holes	4 mm
		Clamping range	32 x 3.2 - 6.3 mm