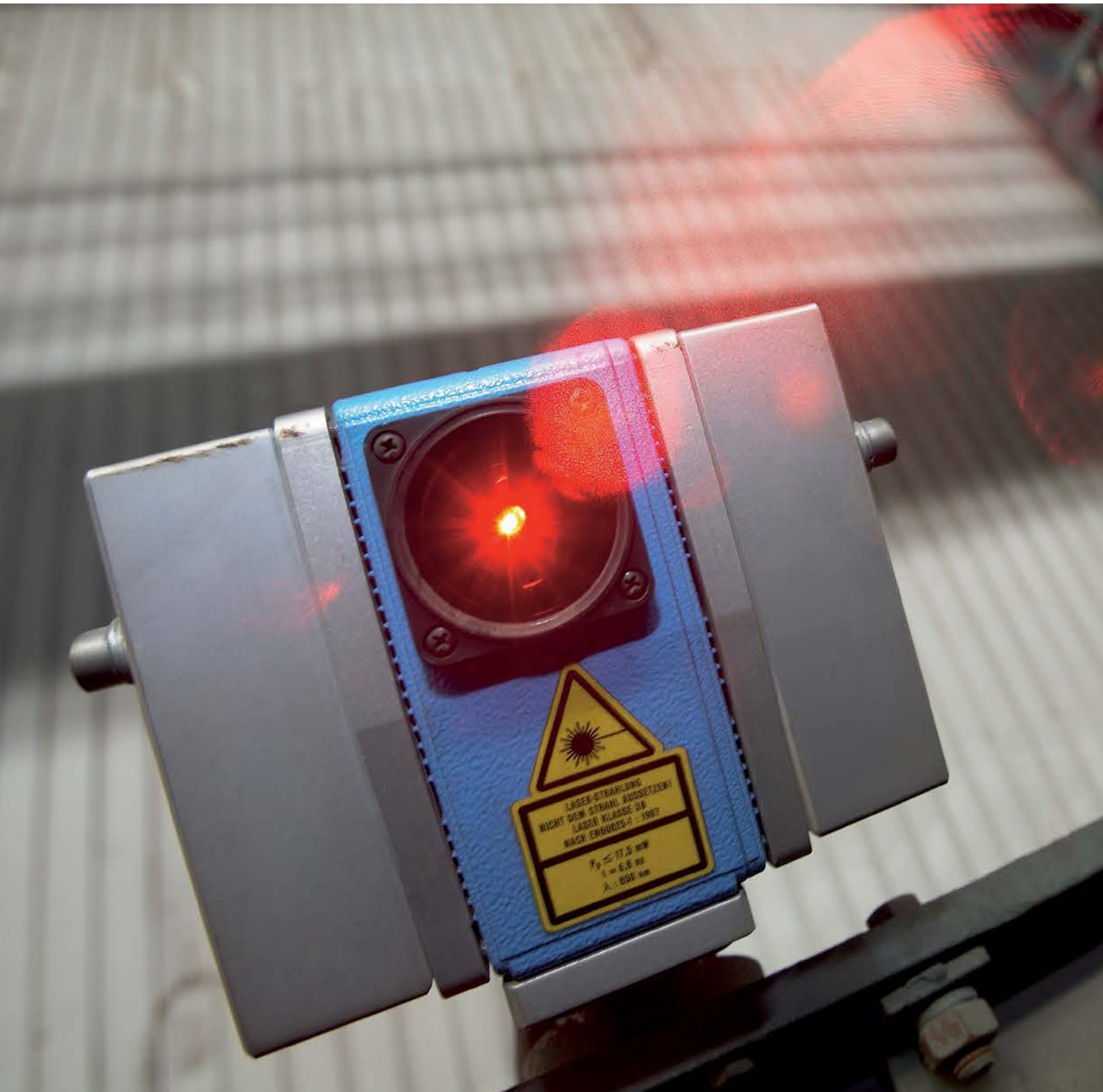
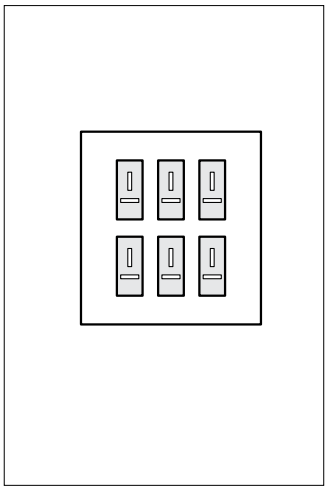
Special accessories – for all extraordinary applications



We have thought of everything: polarisation filter for reducing mutual interference of through-beam photoelectric switches, as well as slotted lens masks for focussing the emitted light paths, extend the applications for SICK sensors enormously. And, for high-temperature uses of SICK sensors, cooling plates for water cooling are the ultimate addition.

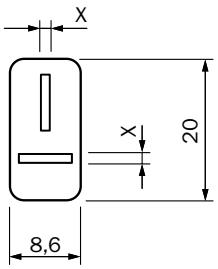
SPECIAL ACCESSORIES



BL-140

2 self-adhesive slotted lens masks
for sender and receiver

Dimensional drawing



All dimensions in mm

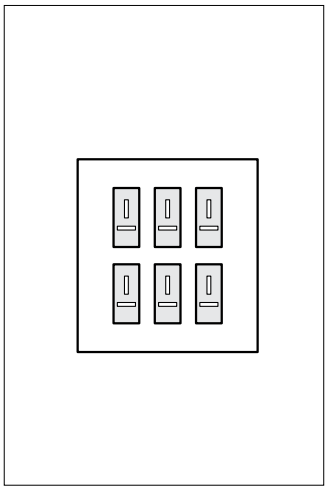
Technical data

Slot width X	0.5 mm 1.0 mm 2.0 mm

Order informations

Type	Order no.
BL-140	5308458

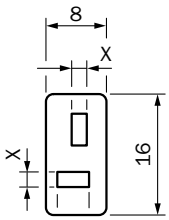
WS/WE140-2



BL-150-10

Slotted mask, transmitter and receiver each
have 2 self-adhesive masks

Dimensional drawing



All dimensions in mm

Technical data

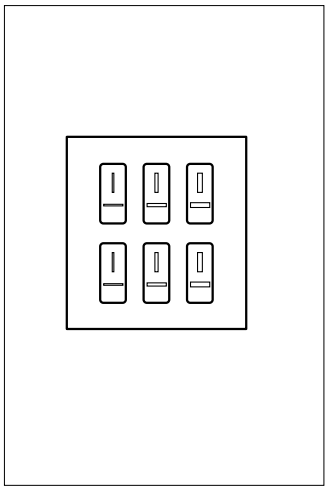
Slot width X	0.5 mm 1.0 mm 2.0 mm

Order informations

Type	Order no.
BL-150-10	5306216

WS/WE150

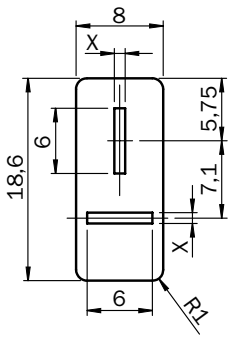
8012940/2013-01-23
Subject to change without notice



BL-100-10

Stick-on polarizing filter,
2 x X- and 2 x Y

Dimensional drawing



All dimensions in mm

Technical data

Slot width X	0.5 mm 1.0 mm 2.0 mm

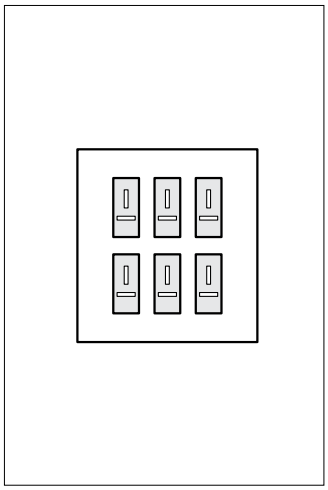
Order informations

Type	Order no.
BL-100-10	5314182

WS/WE100

3 pairs included with apertures A, B, C.
Self-adhesive backing for easy mounting.
Apply stick-on mask to WS100 and WE100 front lens.
For small object detection or increasing indexing accuracy.

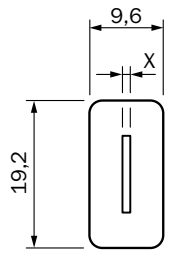
Operating ranges with apertures applied:
A) Aperture 2.0 mm: Range = 4.0 m
B) Aperture 1.0 mm: Range = 2.0 m
C) Aperture 0.5 mm: Range = 1.0 m



BL-160-10

Slotted mask, transmitter and receiver each have 2 self-adhesive masks

Dimensional drawing



All dimensions in mm

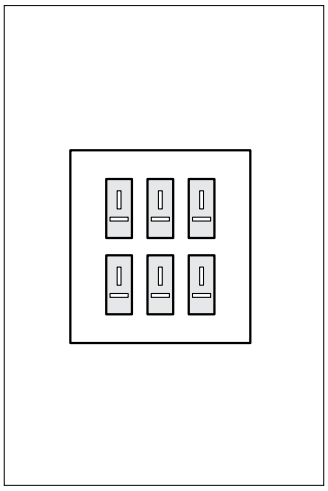
Technical data

Slot width X	0.5 mm 1.0 mm 2.0 mm

Order informations

Type	Order no.
BL-160-10	5305196

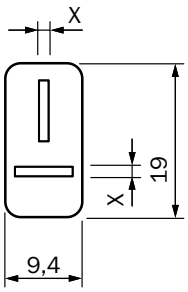
WS/WE160



BL-160-SK

Slotted mask, transmitter and receiver each have 2 self-adhesive masks

Dimensional drawing



All dimensions in mm

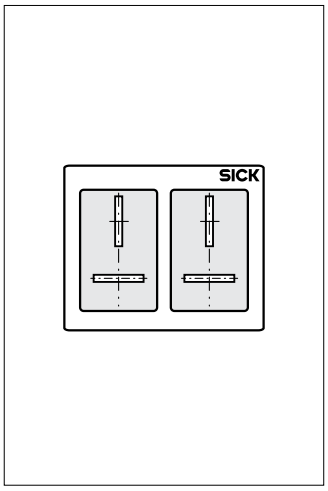
Technical data

Slot width X	0.5 mm 1.0 mm 2.0 mm

Order informations

Type	Order no.
BL-160-SK	5310718

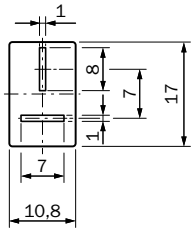
WS/WE160



BL-170-10

2 self-adhesive slotted masks for transmitter and receiver

Dimensional drawing



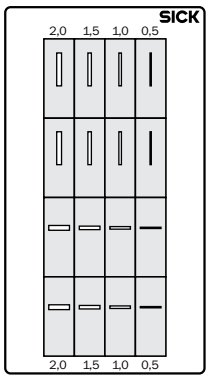
All dimensions in mm

Order informations

Type	Order no.
BL-170-10	5305687

WS/WE170

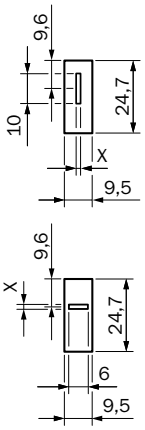
8012940/2013-01-23
Subject to change without notice



BL-9-2

Slotted mask, transmitter and receiver
each have 2 self-adhesive masks

Dimensional drawing



All dimensions in mm

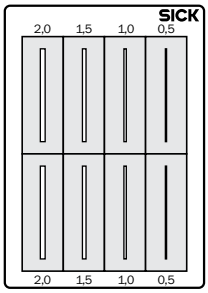
Technical data

Slot width X	0.5 mm 1.0 mm 1.5 mm 2.0 mm

Order informations

Type	Order no.
BL-9-2	4033253

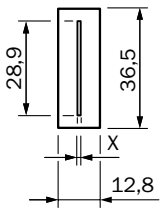
WS/WE9-2



BL-12-SKN

Slotted mask, transmitter and receiver
each have 2 self-adhesive masks

Dimensional drawing



All dimensions in mm

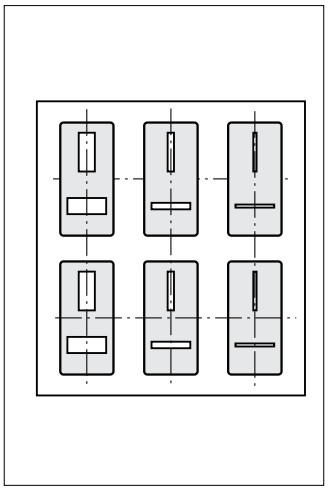
Technical data

Slot width X	0.5 mm 1.0 mm 1.5 mm 2.0 mm

Order informations

Type	Order no.
BL-12-SKN	4031815

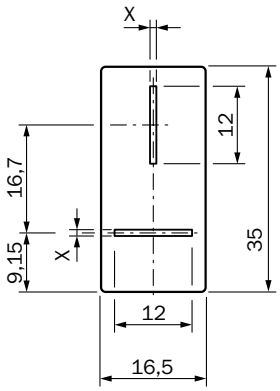
WSE11-2 | WSE12-3



BL-260-SK

Slotted mask, transmitter and receiver each have 2 self-adhesive masks

Dimensional drawing



All dimensions in mm

Technical data

Slot width X	0.5 mm 1.0 mm 2.0 mm

Order informations

Type	Order no.
BL-260-SK	5308773

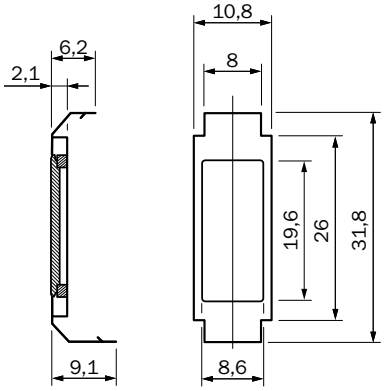
WS/WE260[1)]

[1)] DC-design

BL-100-POLF

Front polarization filter

Dimensional drawing



All dimensions in mm

Technical data

Delivery	2 x X- and 2 x Y-polarisation

Order informations

Type	Order no.
BL-100-POLF	5314702

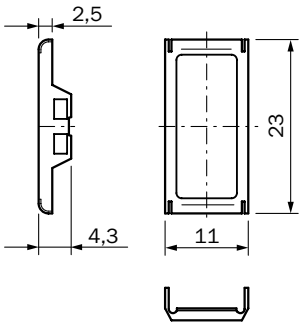
WS/WE8	WS/WE100

8012940/2013-01-23
Subject to change without notice

BL-140-POLF

Front polarization filter

Dimensional drawing



All dimensions in mm

WS/WE140-2

Technical data

Delivery	2 x X- and 2 x Y-polarisation

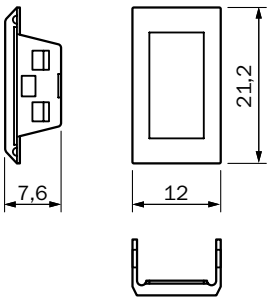
Order informations

Type	Order no.
BL-140-POLF	5308457

BL-170-POLF

Front polarization filter

Dimensional drawing



All dimensions in mm

WS/WE170

Technical data

Delivery	2 x X- and 2 x Y-polarisation

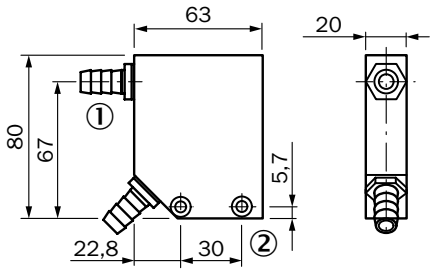
Order informations

Type	Order no.
BL-170-POLF	5305688

BEF-KP-W24

Cooling plate for water cooling

Dimensional drawing



All dimensions in mm

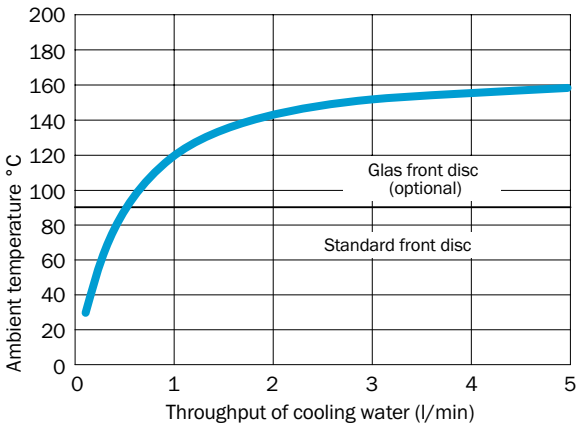
① Hose nozzle R1/4“
② Tapped hole for countersunk screw M5

Technical data

Material	Aluminium, anodised
Delivery	incl. mounting material

Order informations

Type	Order no.
BEF-KP-W24	2015071



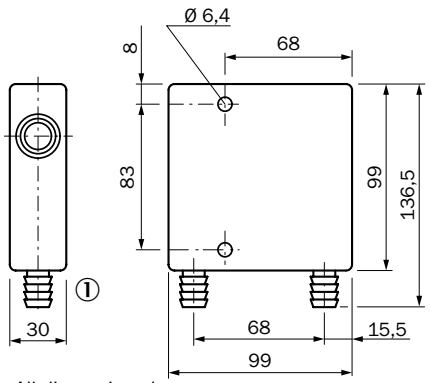
① Temperature for cooling water 20 °C, water pressure max. 5 bar

W24-2

BEF-KP-W45

Cooling plate for water cooling

Dimensional drawing



All dimensions in mm

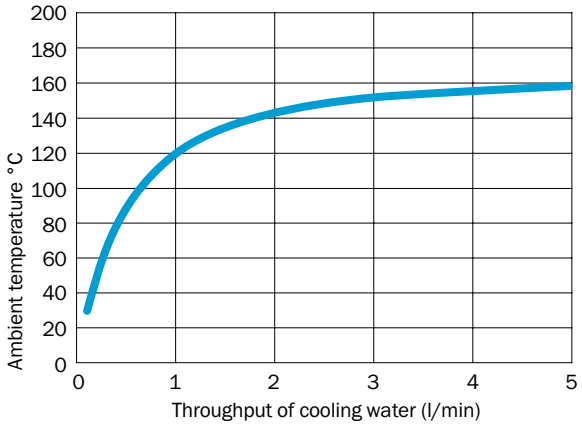
① Hose nozzle R1/2“

Technical data

Material	Aluminium, anodised
Delivery	incl. mounting material

Order informations

Type	Order no.
BEF-KP-W45	2011435



① Temperature for cooling water 20 °C, water pressure max. 5 bar

W45

8012940/2013-01-23
Subject to change without notice

BEF-KPM-DME

Cooling plate assembly kit
for water cooling

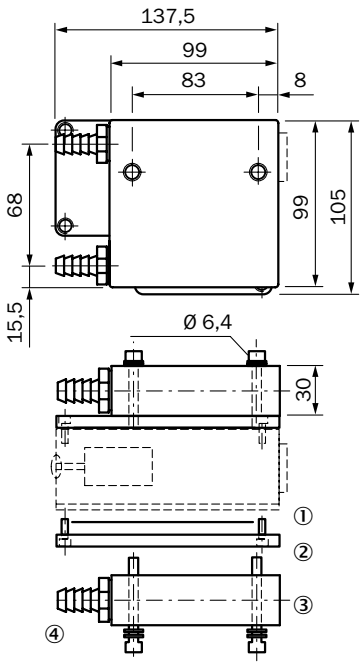
Technical data

Material	Aluminium, anodised
Delivery	incl. mounting material

Order informations

Type	Order no.
BEF-KPM-DME	2014457

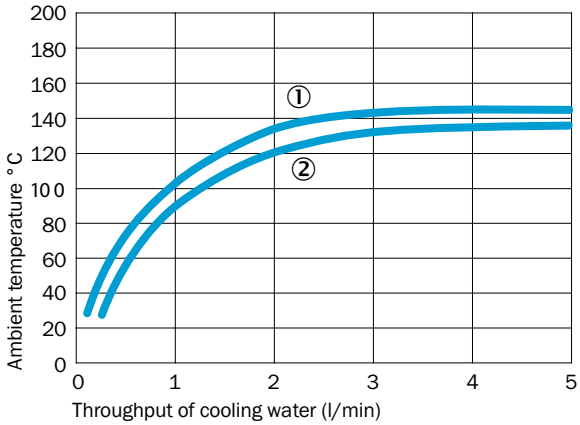
Dimensional drawing



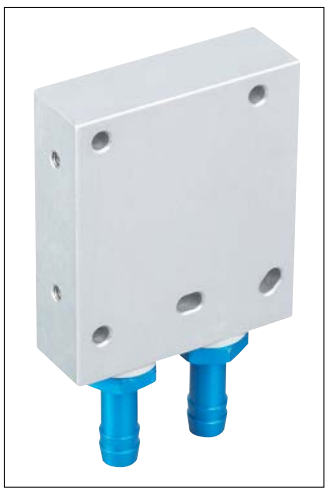
① Heat conduction cloth (2 x)
② Adapter plate (2 x)
③ Cooling plate (2 x)
④ Hose nozzle R1/2“

All dimensions in mm

DME2000	DME3000



① Temperature for cooling water 20 °C
② Temperature for cooling water 30 °C



BEF-KP-DX50

Cooling plate

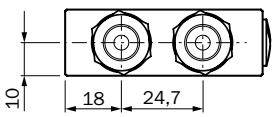
Technical data

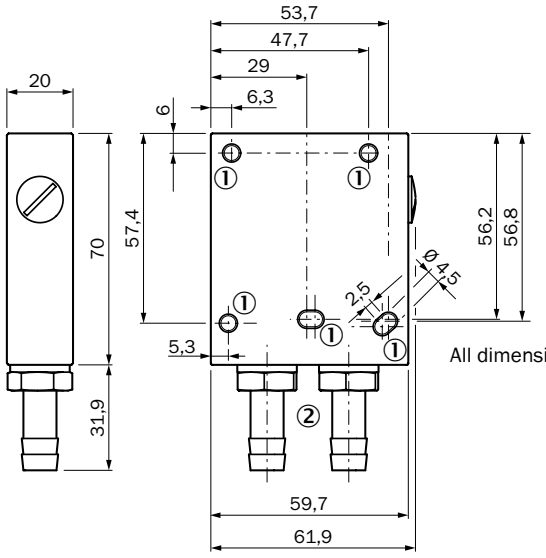
Material	Aluminium, anodised
Delivery	incl. mounting material

Order informations

Type	Order no.
BEF-KP-DX50	2055755

Dimensional drawing





All dimensions in mm

DL50	DS50	DT50