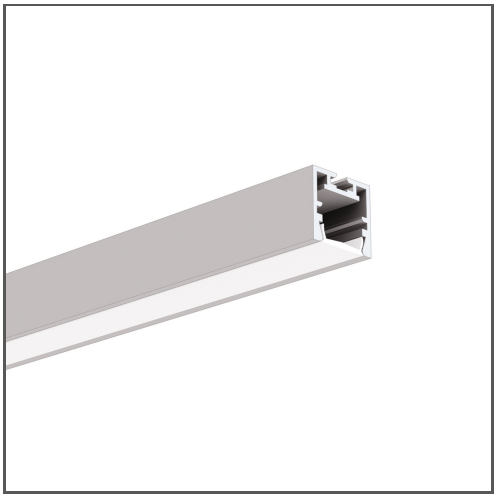
Profile PDS-ZM-PLUS

Ref. A02056



KEY FEATURES

- Possibility of mounting sealed LED strips of the 8K series
- Wide range of accessories
- Smooth profile walls
- Small bending radius

APPLICATION

main and decorative lighting

MOUNTING

to the surface or suspended, using dedicated accessories, mounting adhesive or properly selected screws

ADDITIONAL INFORMATION

- possibility of smooth transition from an in-ground into a facade lighting fixture

Standard lengths of KLUŚ profiles and covers: 1000 mm (tolerance ± 1.5 mm) and 2005 mm / 3010 mm (tolerance + 5 mm); for selected covers: 6050 mm, 10050 mm (tolerance + 5 mm)

IP PROTECTION RATING

IP20 | IP67

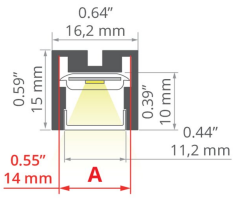
MOUNTING METHOD

Suspended

SPECIAL FEATURES

Possibility of bending

TECHNICAL DRAWING



AVAILABLE COLOURS

COLOR	LENGTH	REF
silver anodized	1000 mm	A02056A_1
	2005 mm	A02056A_2
	3010 mm	A02056A_3
white lacquered	1000 mm	A02056L10OD_1
	2005 mm	A02056L10OD_2
	3010 mm	A02056L10OD_3

TECHNICAL SPECIFICATIONS

Material	aluminum
Possible fixture IP	20, 67
Possible fixture shapes	linear, round, polygonal
Profile cross-section	rectangular
Width	16.2 mm
Height	15 mm
LED gluing width A	14 mm
Max. number of LED strips A (8 mm wide)	1
Width of the glow	11.2 mm
Max power of a single KLUŚ LED strip	24 W/m
Possibility of obtaining a line of light	yes
Possibility of bending	yes
Radius of the light arc	yes
Inward	400 mm
Outdoor	400 mm
Building type	Commercial, HoReCa object, Retail, Residential, Entertainment/ Arts, Outdoor
Facility zone	office, kitchen, bathroom, decorative, fitness / spa, media rooms / av
The cover is cut to the length of the profile	yes
Can be easily connected into runs	yes
Wire out back of extrusion	yes

RELATED ACCESSORIES > COVERS

NAME	KEY FEATURES	MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
Cover BENCO-11 NEW	- For indoor and outdoor applications - UV resistant	silicon	50 %	frosted	B17215F
Focusing cover LENSO-11-30°DEG	- indoor use - focusing	PC	80 %	semi-transparent	B17112T

Profile PDS-ZM-PLUS

Ref. A02056

NAME	KEY FEATURES	MATERIAL	MATERIAL TRANSMITTANCE	COLOR	REF.
Cover LIGER-11	- hight light quality - Ease of obtaining a line of light - Perfectly diffusing - For indoor and outdoor applications	PC	21 %	black	B17037B
			59 %	satin	B17037S
Cover HS-11	- For indoor and outdoor applications - UV resistant - hight durability	PC	59 %	frosted	B17208F
			88 %	clear	B17208C
Cover KA-11	- maximum brightness - indoor use - basic - universal	PC	67 %	frosted	B17064F
			89 %	clear	B17064C
Cover KA-T-11	- maximum brightness - indoor use - economic - universal for basic applications	PVC	54 %	frosted	B17179F
			86 %	clear	B17179C

LINE OF LIGHT TABLE

LED TAPE	LIGER-11 SATIN	HS-11 FROSTED	KA-11R FROSTED	LIGER-11 BLACK
KWP-8K-1220-24	✓ (1)	X	X	X
KWP-8K-1275-24	✓ (1)	X	X	X
K-0360-24	✓ (1)	✓ (1)	✓ (1)	X
K-0720-24	✓ (1)	✓ (1)	✓ (1)	X
K-1080-24	✓ (1)	✓ (1)	✓ (1)	X
K-0500-24	✓ (1)	✓ (1)	✓ (1)	X
K-1000-24	✓ (1)	✓ (1)	✓ (1)	X
K-HD-0430-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)
K-1500-24	✓ (1)	✓ (1)	✓ (1)	X
K-CB-1000-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)
K-HD-0830-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)
K-HD-1260-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)
KWP-8K-0360-24	✓ (1)	✓ (1)	✓ (1)	X
KWP-8K-0720-24	✓ (1)	✓ (1)	✓ (1)	X
KWP-8K-1080-24	✓ (1)	✓ (1)	✓ (1)	X
KWP-8K-0500-24	✓ (1)	✓ (1)	✓ (1)	X
KWP-8K-1000-24	✓ (1)	✓ (1)	✓ (1)	X
KWP-8K-1500-24	✓ (1)	✓ (1)	✓ (1)	X
KWP-G-0500-24	✓ (1)	✓ (1)	✓ (1)	X
KWP-G-1000-24	✓ (1)	✓ (1)	✓ (1)	X
KWP-G-1500-24	✓ (1)	✓ (1)	✓ (1)	X
KWP-GHD-0430-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)
KWP-GHD-0830-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)
KWP-GHD-1260-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)
K-2400-24	✓ (1)	✓ (1)	✓ (1)	X
K-RGB-0700-24V	✓ (1)	X	X	X
KWP-8KRGB-0700-24	✓ (1)	X	X	X
K-RGB-1200-24	✓ (1)	X	X	X
K-18D30-0960-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)
K-27T50-1440-24	✓ (1)	✓ (1)	✓ (1)	✓ (1)

Description

✓ - Line of Light for a number (X) of rows - Pixel free imaging
X - Visible Dotting from Diodes
HL - Centered Line of Light - Concentrated in middle
HL (X) - Centered Line of Light for a number (X) of rows - Concentrated in middle

Line of Light Guide



Clean Line of Light (Pixel free imaging)



Centered Line of Light



Visible Dotting from Diodes

Profile PDS-ZM-PLUS
Ref. A02056

RELATED ACCESSORIES > END CAPS

NAME		MATERIAL	COLOR	REF.
End cap PDS-ZM-PLUS		ABS	black	C24364C07
			gray	C24364C02
			silver	C24364L01
			white	C24364C10

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > CANOPIES

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Canopy Fi-60mm	- Convenient cable length adjustment, in the ZM system	steel	gray lacquered	C24540L01
			white lacquered	C24540L10
			black lacquered	C24540L07
Canopy BOX-M70		aluminum	silver anodized	C24541A
			white lacquered	C24541L10
			black anodized	C24541A07
Canopy BOX-M600		aluminum	silver anodized	C24542A
			white lacquered	C24542L10
			black anodized	C24542A07

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > MOUNTING BRACKETS

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Fastener set NEO-ZM-3	- 3 pieces for heavy fixtures	magnet	silver	C28105N00
Fastener set NEO-ZM-4	- 4 pieces for light fixtures	magnet	silver	C28106N00
Mounting bracket DS	- For indoor and outdoor applications	stainless steel	silver	C28096N00
			black	C28096L07

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > FASTENERS AND HEADS FOR PROFILES

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Fastener FI-8-LIN-ZM	- Installation in the ZM system	stainless steel, PA	silver	C28170N00
			white	C28170L10
			black	C28170L07
Fastener FI-10-ZM-P, silver	- Cross mounting	stainless steel	silver	C28117N00
Fastener UCHO-ZM	- Convenient mounting in the ZM system	aluminum	black anodized	C28192L07
Fastener FI-8-PRET-ZM	- Installation in the ZM system	stainless steel	silver	C28189N00
		aluminum	white	C28189L10
		aluminum	black	C28189L07

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > CONDUCTIVE FASTENERS AND HEADS FOR PROFILES

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Head BZP-ZO		stainless steel	silver	42214
Fastener PUSZ-LIN-MR	- Power supply cable - mounting in thin walls (from 1mm)	stainless steel, brass, nylon	silver	C28163N00
		aluminum, brass, nylon	white lacquered	C28163L10
		aluminum, brass, nylon	black lacquered	C28163L07
Fastener FI-8-LIN-ZMZ	- Power supply - mounting in the ZM system	stainless steel, steel, PA, EPDM	silver	C28171N00
		aluminum, PA, EPDM	white	C28171L10
		aluminum, PA, EPDM	black	C28171L07
Fastener PUSZ-LIN-ZM	- Power supply cable - mounting in the ZM system	stainless steel, brass, nylon, aluminum	silver	C28160N00
		aluminum, brass, nylon	white lacquered	C28160L10
		aluminum, brass, nylon	black lacquered	C28160L07
Fastener PUSZ-PRET-ZM	- Power supply cable - mounting in the ZM system	stainless steel, brass, nylon	silver	C28161N00
		aluminum, brass, nylon	white	C28161L10
		aluminum, brass, nylon	black	C28161L07
Fastener DP-ZZ, silver		stainless steel	silver	00651
Fastener PUSZ-ZM	- Power supply - mounting in the ZM system	stainless steel	silver	C20010N00
		aluminum	white lacquered	C20010L10
		aluminum	black lacquered	C20010L07

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > CONNECTORS

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Connector ZM-MINI		stainless steel	silver	C28083N00
Connector ZM		stainless steel	silver	42716 42720 42728 C28070N00 C28071N00 C28072N00 C28073N00 C28074N00 C28075N00 C28243N00

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NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Connector ZM-G		stainless steel	silver	42304 42306 42308 42310 42324 42326 42328 42330 42332 42334 42336 42338
Connector ZM-Y		stainless steel	silver	C28082N00
Connector ZM-X		stainless steel	silver	C28079N00 C28080N00 C28081N00
Connector ZM-T		stainless steel	silver	C28076N00 C28077N00 C28078N00
Connector ZM-PION	- for connecting profiles in the vertical plane	stainless steel	silver	42314 42316 42320 42718 42719 C28084N00 C28085N00 C28086N00 C28087N00 C28088N00

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > SUSPENSION AND MOUNTING SETS

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Fastener set W1		brass, stainless steel	silver	C28203N00
Fastener set W6		stainless steel, brass	silver	C28205N00
Fastener set W7		brass, stainless steel	silver	42605
Fastener set RD-1	- Smooth cable adjustment, cable included	brass	silver glossy silver satin white lacquered black lacquered	C28231P00 C28231P01 C28231L10 C28231L07
Fastener set RG-1	- Cable adjustment at the ceiling, cable included	brass	silver glossy silver satin white colored black colored	C28230P00 C28230P01 C28230L10 C28230L07
Fastener set RD-2	- Smooth cable adjustment, angled mounting, cable included	brass	silver glossy silver satin white lacquered black lacquered	C28232P00 C28232P01 C28232L10 C28232L07
Fastener set RD-3	- Smooth cable adjustment	brass	silver glossy silver satin white lacquered black lacquered	C28233P00 C28233P01 C28233L10 C28233L07
Fastener set RD-4	- Smooth cable adjustment, angled mounting	brass	silver glossy silver satin white lacquered black lacquered	C28234P00 C28234P01 C28234L10 C28234L07
Fastener set FI-8-ZM-1	- Power supply, for wall and drywall, in the ZM system	stainless steel, aluminum	silver white lacquered black lacquered	C28134N00 C28134L10 C28134L07
Fastener set FI-8-ZM-2	- Convenient cable length adjustment, in the ZM system	stainless steel, aluminum	silver white lacquered black lacquered	C28135N00 C28135L10 C28135L07
Fastener set PUSZ-ZM-1	- Power supply, for wall and drywall, in the ZM system	stainless steel, aluminum	silver white lacquered black lacquered	C28130N00 C28130L10 C28130L07
Fastener set PUSZ-ZM-2	- Convenient cable length adjustment, in the ZM system	stainless steel, aluminum	silver white lacquered black lacquered	C28131N00 C28131L10 C28131L07

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > LATCHES

NAME	KEY FEATURES	MATERIAL	COLOR	REF.
Adapters set ZM-16	- Connection of the ZM system with the 45-STN mount	PC	transparent	C29001C00

RELATED ACCESSORIES > OTHER RELATED ACCESSORIES > SURFACE SPRINGS

NAME	MATERIAL	COLOR	REF.
Spring GP	stainless steel	silver	C24500N00

Profile PDS-ZM-PLUS

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RELATED ACCESSORIES > RELATED LED > HIGH EFFICACY

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
LED tape K-VHE-0480-24	- universal for basic applications - high efficacy - High Efficacy	20	4.8 W/m	K-VHE27-0480-24 K-VHE30-0480-24 K-VHE40-0480-24
LED tape K-VHE-0960-24	- universal for basic applications - high efficacy - High Efficacy	20	9.6 W/m	K-VHE40-0960-24
LED tape K-VHE-1440-24	- universal for basic applications - high efficacy - High Efficacy	20	14.4 W/m	K-VHE27-1440-24 K-VHE30-1440-24 K-VHE40-1440-24 K-VHE50-1440-24

RELATED ACCESSORIES > RELATED LED > CRI 95+

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
LED tape K-CR-0480-24	- universal for basic applications - CRI over 95	20	4.8 W/m	K-CR27-0480-24 K-CR30-0480-24 K-CR40-0480-24
LED tape K-CR-0960-24	- universal for basic applications - CRI over 95	20	9.6 W/m	K-CR40-0960-24
LED tape K-CR-1440-24	- universal for basic applications - CRI over 95	20	14.4 W/m	K-CR27-1440-24 K-CR30-1440-24 K-CR40-1440-24
LED tape KWP-8KCR-0480-24	- universal for basic applications - easy snap-in installation - CRI over 95	65	4.8 W/m	KWP-8KCR27-0480-24 KWP-8KCR30-0480-24 KWP-8KCR35-0480-24 KWP-8KCR40-0480-24 KWP-8KCR50-0480-24
LED tape KWP-8KCR-0960-24	- universal for basic applications - easy snap-in installation	65	9.6 W/m	KWP-8KCR35-0960-24 KWP-8KCR40-0960-24 KWP-8KCR50-0960-24

RELATED ACCESSORIES > RELATED LED > WHITE MONO

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
LED tape K-0360-24 3.6 W/m, IP20 NEW		20	3.6 W/m	K-27-0360-24 K-30-0360-24 K-35-0360-24 K-40-0360-24 K-50-0360-24
LED tape K-HD-0430-24 4.3 W/m, IP20 NEW		20	4.3 W/m	K-HD18-0430-24 K-HD22-0430-24 K-HD27-0430-24 K-HD30-0430-24 K-HD35-0430-24 K-HD40-0430-24 K-HD50-0430-24
LED tape K-0480-24	- universal for basic applications	20	4.8 W/m	K-27-0480-24 K-30-0480-24 K-35-0480-24 K-50-0480-24
LED tape K-HD-0480-24	- high LED density - Ease of obtaining a line of light	20	4.8 W/m	K-HD27-0480-24 K-HD40-0480-24
LED tape K-0500-24 5 W/m, IP20 NEW	- Thin line of light - longitudinal bending - Flexibility for bending	20	5 W/m	K-30-0500-24 K-40-0500-24
LED tape K-0720-24 7.2 W/m, IP20 NEW		20	7.2 W/m	K-27-0720-24 K-30-0720-24 K-35-0720-24 K-40-0720-24 K-50-0720-24
LED tape K-HD-0830-24 8.3 W/m, IP20 NEW		20	8.3 W/m	K-HD27-0830-24 K-HD30-0830-24 K-HD35-0830-24 K-HD40-0830-24 K-HD50-0830-24
LED tape K-0960-24	- universal for basic applications	20	9.6 W/m	K-30-0960-24 K-40-0960-24 K-40-0960-24-R30
LED tape K-HD-0960-24	- high LED density - Ease of obtaining a line of light	20	9.6 W/m	K-HD40-0960-24
LED tape K-1000-24 10 W/m, IP20 NEW		20	10 W/m	K-30-1000-24 K-40-1000-24
LED tape K-CB-1000-24 10 W/m, IP20 NEW		20	10 W/m	K-CB27-1000-24 K-CB30-1000-24 K-CB40-1000-24 K-CB50-1000-24
LED tape K-1080-24 10.8 W/m, IP20 NEW		20	10.8 W/m	K-27-1080-24 K-30-1080-24 K-35-1080-24 K-40-1080-24 K-50-1080-24
LED tape K-HD-1260-24 12.6 W/m, IP20 NEW		20	12.6 W/m	K-HD27-1260-24 K-HD30-1260-24 K-HD35-1260-24 K-HD40-1260-24 K-HD50-1260-24

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NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
LED tape K-1440-24	- universal for basic applications	20	14.4 W/m	K-27-1440-24 K-40-1440-24 K-40-1440-24-R30
LED tape K-HD-1440-24	- high LED density - Ease of obtaining a line of light	20	14.4 W/m	K-HD40-1440-24
LED tape K-1500-24 15 W/m, IP20 NEW		20	15 W/m	K-30-1500-24 K-35-1500-24 K-40-1500-24
LED tape K-2300-24	- high power	20	23 W/m	K-30-2300-24 K-40-2300-24
LED tape K-2400-24	- high power	20	24 W/m	K-27-2400-24 K-30-2400-24 K-35-2400-24 K-40-2400-24 K-50-2400-24
LED tape KWP-8K-0360-24 3.6 W/m, IP65 NEW		65	3.6 W/m	KWP-8K27-0360-24 KWP-8K30-0360-24 KWP-8K35-0360-24 KWP-8K40-0360-24 KWP-8K50-0360-24
LED tape KWP-GHD-0430-24 4.3 W/m, IP65 NEW		65	4.3 W/m	KWP-GHD27-0430-24 KWP-GHD30-0430-24 KWP-GHD35-0430-24 KWP-GHD40-0430-24 KWP-GHD50-0430-24
LED tape KWP-8K-0480-24	- universal for basic applications - easy snap-in installation	65	4.8 W/m	KWP-8K27-0480-24 KWP-8K30-0480-24 KWP-8K50-0480-24
LED tape KWP-GHD-0480-24	- high LED density - Ease of obtaining a line of light	65	4.8 W/m	KWP-GHD27-0480-24
LED tape KWP-8K-0500-24 5 W/m, IP65 NEW		65	5 W/m	KWP-8K30-0500-24 KWP-8K40-0500-24
LED tape KWP-G-0500-24 5 W/m, IP65 NEW		65	5 W/m	KWP-G30-0500-24 KWP-G40-0500-24
LED tape KWP-8K-0720-24 7.2 W/m, IP65 NEW		65	7.2 W/m	KWP-8K27-0720-24 KWP-8K30-0720-24 KWP-8K35-0720-24 KWP-8K40-0720-24 KWP-8K50-0720-24
LED tape KWP-GHD-0830-24 8.3 W/m, IP65 NEW		65	8.3 W/m	KWP-GHD27-0830-24 KWP-GHD30-0830-24 KWP-GHD35-0830-24 KWP-GHD40-0830-24 KWP-GHD50-0830-24
LED tape KWP-8K-0960-24	- universal for basic applications - easy snap-in installation	65	9.6 W/m	KWP-8K40-0960-24
LED tape KWP-8K-1000-24 10 W/m, IP65 NEW		65	10 W/m	KWP-8K30-1000-24 KWP-8K40-1000-24
LED tape KWP-G-1000-24 10 W/m, IP65 NEW		65	10 W/m	KWP-G30-1000-24 KWP-G40-1000-24
LED tape KWP-8K-1080-24 10.8 W/m, IP65 NEW		65	10.8 W/m	KWP-8K27-1080-24 KWP-8K30-1080-24 KWP-8K35-1080-24 KWP-8K40-1080-24 KWP-8K50-1080-24
LED tape KWP-GHD-1260-24 12.6 W/m, IP65 NEW		65	12.6 W/m	KWP-GHD27-1260-24 KWP-GHD30-1260-24 KWP-GHD35-1260-24 KWP-GHD40-1260-24 KWP-GHD50-1260-24
LED tape KWP-8K-1440-24	- universal for basic applications - easy snap-in installation	65	14.4 W/m	KWP-8K27-1440-24 KWP-8K40-1440-24
LED tape KWP-8K-1500-24 15 W/m, IP65 NEW		65	15 W/m	KWP-8K30-1500-24 KWP-8K40-1500-24
LED tape KWP-G-1500-24 15 W/m, IP65 NEW		65	15 W/m	KWP-G30-1500-24 KWP-G40-1500-24

RELATED ACCESSORIES > RELATED LED > RGB / RGB-W / RGB-CCT

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
LED tape K-RGB-0700-24V	- RGB	20	7 W/m	K-RGB-0700-24V
LED tape K-RGB-1200-24	- RGB	20	12 W/m	K-RGB-1200-24
LED tape K-RGBW-1530-24 15.3 W/m, IP20 NEW	- RGBW - high LED density	20	15.3 W/m	K-RGB30-1530-24 K-RGB40-1530-24
LED tape KWP-8KRGB-0700-24	- RGB - easy snap-in installation	65	7 W/m	KWP-8KRGB-0700-24
LED tape KWP-GRGB-1530-24 15.3 W/m, IP65 NEW	- RGBW - high LED density	65	15.3 W/m	KWP-GRGB30-1530-24 KWP-GRGB40-1530-24

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RELATED ACCESSORIES > RELATED LED > ADJUSTABLE WHITE / DIM TO WARM

NAME	KEY FEATURES	IP PROTECTION RATING	POWER CONSUMPTION	REF.
LED tape K-18D30-0960-24	- Dim To Warm LED Tape	20	9.6 W/m	K-18D30-0960-24
LED tape K-27T50-1440-24	- RGB+Tunable White	20	14.4 W/m	K-27T50-1440-24

RELATED ACCESSORIES > ELECTRONICS > SWITCHES

NAME	KEY FEATURES	IP PROTECTION RATING	REF.
Proximity switch UNI-11	- touchless switch - width 11mm	20	E61603
Proximity switch UNI-P	- touchless switch - width only 7mm - factory pre-soldered wires	20	E61580
Switch MICRO 96W IP20	- push button switch - factory pre-soldered wires - version with logo	20	1491LOGO
Switch MICRO 96W IP20	- push button switch - factory pre-soldered wires - version with logo	20	1576LOGO
Proximity switch UNI-11P	- touchless switch - width 11mm - factory pre-soldered wires	20	E61604
Proximity switch UNI	- touchless switch - width only 7mm	20	E61579