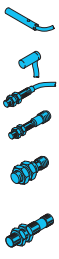
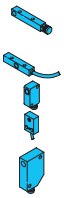
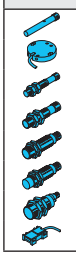
Technical data (typ.)	+20 °C, 24 V DC
Service voltage	10 … 30 V DC
	some versions with extended service voltage range 10 … 35 V DC
Internal power consumption	< 6 … 15 mA
Protection class	IP 67
Ambient temperature	–25 … +70 °C

	Size (mm)	Switching output	Casing material	Connector	Connecting cable	Operating distance (mm)	Flush-fitted (b)/ non flush-fitted (nb)/ quasi flush-fitted (qb)	Operating frequency (Hz)	Product-ID*	Operating distance (mm)	Flush-fitted (b)/ non flush-fitted (nb)/ quasi flush-fitted (qb)	Operating frequency (Hz)	Product-ID*
Inductiv proximity switches in cylindrical designs													
	Ø 3 x 22	pnp, 100 mA, NO	VA	–	2 m, PUR	0,6	b	5.000	DCC 3.0 V 0.6 PSLK	1,0	b	3.000	DCC 3.0 V 1.0 PSLK
	Ø 4 x 25	pnp, 200 mA, NO	VA	–	2 m, PVC	0,8	b	5.000	DCC 4.0 V 0.8 PSLK	1,5	b	3.000	DCC 4.0 V 1.5 PSLK
	Ø 6.5 x 16	pnp, 200 mA, NO	VA	–	2 m, PVC	1,5	b	5.000	DCCKR 6.5 V 1.5 PSLK	2	b	3.000	DCCKR 6.5 V 02 PSLK
	M4 x 0,5	pnp, 100 mA, NO	VA	M8	TK …	0,6	b	5.000	DCC 04 M 0.6 PSK-K-TSL	1,0	b	3.000	DCC 04 V 1.0 PSK-K-TSL
	M5 x 0,5	pnp, 200 mA, NO	VA	M8	TK …	1,5	b	3.000	DCC 05 V 1.5 PSK-TSL	2,5	b	800	DCC 05 V 2.5 PSK-TSL
	M8 x 1	pnp, 200 mA, NO	VA	M8	TK …	1,5	b	5.000	DCCK 08 M 1.5 PSK-TSL	2	b	3.000	DCC 08 M 02 PSK-TSL/29
	M8 x 1	pnp, 200 mA, NO	MS	M8	TK …	3	qb	1.000	DCC 08 M 03 PSK-TSL	6	nb	500	DCC 08 M 06 PSK-TSL
	M12 x 1	pnp, 200 mA, NO	MS	M12	VK …	6	qb	800	DCC 12 M 06 PSK-IBSL	8	qb	300	DCC 12 M 08 PSK-IBSL
	M12 x 1	pnp, 200 mA, NO	MS	M12	VK …	2	b	3.000	DCC 12 M 02 PSK-IBSL	10	nb	400	DCC 12 M 10 PSK-IBSL
Inductiv proximity switches in rectangular designs													
	5 x 5 x 25	pnp, 200 mA, NO	MS	–	2 m, PUR	0,8	b	5.000	DCCQ 05 M 08 PSLK	1,5	b	3.000	DCCQ 05 M 1.5 PSLK
	8 x 8 x 40	pnp, 200 mA, NO	AL	–	2 m, PUR	–	–	–	–	1,5	b	2.000	DCQZ 08 M 1.5 PSLK
	8 x 8 x 59	pnp, 200 mA, NO	MS	M8	TK …	2,0	b	3.000	DCCQ 08 M 02 PSK-TSL	3,0	qb	1.000	DCCQ 08 M 03 PSK-TSL
	28 x 16 x 10	pnp, 200 mA, NO	Ks	M8	TK …	–	–	–	–	2,0	b	2.000	DCR 30 K 02 PSK-TSL
	30 x 20 x 11,5	pnp, 200 mA, NO	AL	M8	TK …	–	–	–	–	1,5	b	3.000	DCR 20 M 1.5 PSK-K-TSL
	40 x 26 x 12	pnp, 200 mA, NO	Ks	M8	TK …	2,0	b	2.000	DCR 40 K02 PSK-TSL	4,0	nb	2.000	DCR 40 K04 PSK-TSL
Inductiv proximity switches with stainless steel casing													
	M8 x 1	pnp, 200 mA, NO	VA	M8	TK …	3	b	1.000	D7C 08 V 03 PSK-TSL	6	nb	700	D7C 08 V 06 PSK-TSL
	M12 x 1	pnp, 200 mA, NO	VA	M12	VK …	6	b	400	D7C 12 V 06 PSK-IBSL	10	nb	400	D7C 12 V 10 PSK-IBSL
	M18 x 1	pnp, 200 mA, NO	VA	M12	VK …	10	b	200	D7C 18 V 10 PSK-IBSL	20	nb	200	D7C 18 V 20 PSK-IBSL
	M30 x 1,5	pnp, 200 mA, NO	VA	M12	VK …	20	b	100	D7C 30 V 20 PSK-IBSL	40	nb	100	D7C 30 V 40 PSK-IBSL
Capacitive proximity switches													
	Ø 6.5 x 54	pnp, 50 mA, NO	VA	M8	TK …	1,5	b	100	KDC 6.5 V 1.5 PSK-TSL	3,0	nb	100	KDC 6.5 V 03 PSK-TSL
	Ø 50 x 10	pnp/npn, 150 mA, NO/NC	Ks	–	2 m, PUR	25	b	50	KDC 50 K 25 PNSOLK	–	–	–	–
	M8 x 1	pnp, 50 mA, NO	VA	M8	TK …	1,5	b	100	KDC 08 V 1.5 PSK-TSL	3,0	nb	100	KDC 08 V 03 PSK-TSL
	M12 x 1	pnp, 200 mA, NO	VA	M12	VK …	4	b	100	KDC 12 M 04 PSK-IBSL	–	–	–	–
	M18 x 1	pnp, 200 mA, NO	VA	M12	VK …	8	b	100	KDC 18 M 08 PSK-IBSL	–	–	–	–
	M18 x 1	pnp, 200 mA, NO	Ks	M12	VK …	–	–	–	–	15	nb	100	KDC 18 K 15 PSK-IBSL
	M30 x 1,5	pnp, 300 mA, NO/NC	VA	M12	VK …	20	b	100	KDC 30 M 20 PSOK-BSL	–	–	–	–
	34 x 16 x 8	pnp, 50 mA, NO	Ks	–	2 m, PUR	8	b	100	KDCR 16 K 08 PSLK	8	nb	2	KDCR 16 K 08S PSLK

Flush mounting (b)	**Quasi-flush mounting** (qb)	**Non-flush mounting** (nb)
These proximity switches can be mounted in all materials (metallic/non-metallic), so that the sensing face is flush with the front of the surrounding material. They have the following advantages: - Flush mounting (see installation notes) in conductive materials (metals) - Protection of the active zone from mechanical damage - Lower influence of external interference fields - Lower lateral distance to the next proximity switch	These proximity switches possess a higher operating distance than proximity switches for flush-mounting. They may be mounted into conductive materials only quasi-flush mounted, i. e. not completely flush mounted. The proximity switches must exceed a little bit over the installation surface (see installation notes). Flush mounting in non-conductive materials is permissible.	These proximity switches must not be flush-mounted with the surface of conductive materials. They have the greatest possible operating distance. Special installation notes are applicable for these proximity switches. Flush mounting in non-conductive materials is permissible.

* Excerpt from our delivery programme