


## Connectors metric, metal thread

### Type KNZ

Type KNZ - Connector straight with strain relief, metric metal thread



KNZ, patent	Order no. IP68 + IP69 Compl., black	Order no. fitting*	Order no. insert	Thread metric	Fits to conduit size		Terminal range (mm)	Thread length (mm)	Overall length (mm)
					NW	Metric			
	NKNZ-M120/P1	NKNZ-M120R/P	EK 150/p7	M12 x 1.5	10	12	4.0–6.5	5.0	53.5
	NKNZ-M120/P2		EK 150/p8	M12 x 1.5	10	12	5.0–8.0	5.0	53.5
	NKNZ-M120/P3		EK 150/p9	M12 x 1.5	10	12	6.5–9.5	5.0	53.5
	NKNZ-M160/P1	NKNZ-M160R/P	E 150/p7	M16 x 1.5	10	12	4.0–6.5	6.0	54.5
	NKNZ-M160/P2		E 150/p8	M16 x 1.5	10	12	5.0–8.0	6.0	54.5
	NKNZ-M160/P3		E 150/p9	M16 x 1.5	10	12	6.5–9.5	6.0	54.5
	NKNZ-M202/P1	NKNZ-M202R/P	E 152/p7	M20 x 1.5	12	16	4.0–6.5	6.5	60.5
	NKNZ-M202/P3		E 152/p9	M20 x 1.5	12	16	6.5–9.5	6.5	60.5
	NKNZ-M202/P4		E 152/p11	M20 x 1.5	12	16	7.0–10.5	6.5	60.5
	NKNZ-M207/P3	NKNZ-M207R/P	E 152/p9	M20 x 1.5	17	20	6.5–9.5	6.5	66.5
	NKNZ-M207/P4		E 152/p11	M20 x 1.5	17	20	7.0–10.5	6.5	66.5
	NKNZ-M207/P5		E 152/p13	M20 x 1.5	17	20	9.0–13.0	6.5	66.5
	NKNZ-M257/P4	NKNZ-M257R/P	E 153/p11	M25 x 1.5	17	20	7.0–10.5	7.5	67.5
	NKNZ-M257/P5		E 153/p13	M25 x 1.5	17	20	9.0–13.0	7.5	67.5
	NKNZ-M257/P6		E 153/p16	M25 x 1.5	17	20	11.5–15.5	7.5	67.5
	NKNZ-M253/P5	NKNZ-M253R/P	EK 154/p13	M25 x 1.5	23	25	9.0–13.0	7.5	75.0
	NKNZ-M253/P6	NKNZ-M253R1/P	EK 154/p16	M25 x 1.5	23	25	11.5–15.5	7.5	75.0
	NKNZ-M323/P2	NKNZ-M323R/P	E 154/p13	M32 x 1.5	23	25	9.0–13.0	8.0	76.0
	NKNZ-M323/P4		E 154/p18	M32 x 1.5	23	25	14.0–18.0	8.0	76.0
	NKNZ-M323/P5	NKNZ-M323R1/P	E 154/p20	M32 x 1.5	23	25	17.0–20.5	8.0	76.0
	NKNZ-M329/P2	NKNZ-M329R/P	EK 155/p18	M32 x 1.5	29	32	14.0–18.0	8.0	83.0
	NKNZ-M329/P3		EK 155/p20	M32 x 1.5	29	32	17.0–20.5	8.0	83.0
	NKNZ-M329/P4		EK 155/p25	M32 x 1.5	29	32	20.0–25.0	8.0	83.0
	NKNZ-M409/P1	NKNZ-M409R/P	E 155/p16	M40 x 1.5	29	32	11.5–15.5	8.0	83.0
	NKNZ-M409/P2		E 155/p18	M40 x 1.5	29	32	14.0–18.0	8.0	83.0
	NKNZ-M409/P3		E 155/p20	M40 x 1.5	29	32	17.0–20.5	8.0	83.0
	NKNZ-M409/P4		E 155/p25	M40 x 1.5	29	32	20.0–25.0	8.0	83.0
	NKNZ-M409/P5		E 155/p28	M40 x 1.5	29	32	24.0–28.0	8.0	83.0
	NKNZ-M406/P1	NKNZ-M406R/P	E 156/p25HF	M40 x 1.5	36	40	20.0–25.0	9.0	87.5
	NKNZ-M406/P2		EK 156/p28	M40 x 1.5	36	40	24.0–28.0	9.0	87.5
	NKNZ-M506/P1	NKNZ-M506R/P	E 156/p32	M50 x 1.5	36	40	27.0–32.0	10.0	90.0
	NKNZ-M506/P3		E 156/p36	M50 x 1.5	36	40	32.0–36.0	10.0	90.0
NKNZ-M508/P2	NKNZ-M508R/P	E 157/p36HF	M50 x 1.5	48	50	32.0–36.0	10.0	100.0	
NKNZ-M508/P3		E 157/p40HF	M50 x 1.5	48	50	36.0–40.0	10.0	100.0	
NKNZ-M638/P1	NKNZ-M638R/P	E 158/pm1x35	M63 x 1.5	48	50	32.0–35.0	10.0	100.0	
NKNZ-M638/P2		E 158/p44	M63 x 1.5	48	50	39.0–44.0	10.0	100.0	

#### Approvals



\* without insert

For applications in railway vehicles and heavy machine construction

For the separation of damp and dry areas

Sealing inserts are made from TPE-V

With integrated strain relief and optimal ingress protection at the cable (up to IP68/10 bar)

High thread and system connection strength

Temperature range sealing insert Pflitsch: -40°C to +135°C


**Note:** For several conductors multiple sealing inserts MDE are available. R/P version of fitting has to be used in combination with multiple sealing inserts

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### Type KNZ

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	Order no. IP68 + IP69 Compl., black	Order no. fitting*	Order no. insert	Thread metric	Fits to conduit size		Terminal range (mm)	Thread length (mm)	Overall length (mm)	
					NW	Metric				
	KNZ, patent	NKNZ-M160/P1-L	NKNZ-M160R/P-L	E 150/p7	M16 x 1.5	10	16	4.0–6.5	15.0	63.5
		NKNZ-M160/P2-L		E 150/p8	M16 x 1.5	10	16	5.0–8.0	15.0	63.5
		NKNZ-M160/P3-L		E 150/p9	M16 x 1.5	10	16	6.5–9.5	15.0	63.5
		NKNZ-M202/P1-L	NKNZ-M202R/P-L	E 152/p7	M20 x 1.5	12	20	4.0–6.5	15.0	69.0
		NKNZ-M202/P3-L		E 152/p9	M20 x 1.5	12	20	6.5–9.5	15.0	69.0
		NKNZ-M202/P4-L		E 152/p11	M20 x 1.5	12	20	7.0–10.5	15.0	69.0
		NKNZ-M207/P3-L	NKNZ-M207R/P-L	E 152/p9	M20 x 1.5	17	20	6.5–9.5	15.0	75.0
		NKNZ-M207/P4-L		E 152/p11	M20 x 1.5	17	20	7.0–10.5	15.0	75.0
		NKNZ-M207/P5-L		E 152/p13	M20 x 1.5	17	20	9.0–13.0	15.0	75.0
		NKNZ-M257/P5-L	NKNZ-M257R/P-L	E 153/p13	M25 x 1.5	17	25	9.0–13.0	15.0	75.0
		NKNZ-M257/P6-L		E 153/p16	M25 x 1.5	17	25	11.5–15.5	15.0	75.0
		NKNZ-M323/P2-L	NKNZ-M323R/P-L	E 154/p13	M32 x 1.5	23	32	9.0–13.0	15.0	83.0
		NKNZ-M323/P4-L		E 154/p18	M32 x 1.5	23	32	14.0–18.0	15.0	83.0
		NKNZ-M323/P5-L	NKNZ-M323R1/P-L	E 154/p20	M32 x 1.5	23	32	17.0–20.5	15.0	83.0
		NKNZ-M329/P2-L	NKNZ-M329R/P-L	EK 155/p18	M32 x 1.5	29	32	14.0–18.0	15.0	90.0
		NKNZ-M329/P3-L		EK 155/p20	M32 x 1.5	29	40	17.0–20.5	15.0	90.0
		NKNZ-M409/P3-L	NKNZ-M409R/P-L	E 155/p20	M40 x 1.5	29	40	17.0–20.5	15.0	90.0
		NKNZ-M409/P4-L		E 155/p25	M40 x 1.5	29	40	20.0–25.0	15.0	90.0
		NKNZ-M409/P5-L		E 155/p28	M40 x 1.5	29	50	24.0–28.0	15.0	90.0
		NKNZ-M506/P1-L	NKNZ-M506R/P-L	E 156/p32	M50 x 1.5	36	50	27.0–32.0	15.0	95.0
	NKNZ-M506/P3-L		E 156/p36	M50 x 1.5	36	50	32.0–36.0	15.0	95.0	
	NKNZ-M508/P2-L	NKNZ-M508R/P-L	E 157/p36HF	M50 x 1.5	48	50	32.0–36.0	15.0	105.0	
	NKNZ-M508/P3-L		E 157/p40HF	M50 x 1.5	48	50	36.0–40.0	15.0	105.0	
	NKNZ-M638/P1-L	NKNZ-M638R/P-L	E 158/pm1x35	M63 x 1.5	48	63	32.0–35.0	15.0	105.0	
	NKNZ-M638/P2-L		E 158/p44	M63 x 1.5	48	63	39.0–44.0	15.0	105.0	

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