NORMALE EMPFINDLICHKEIT (STATISCHES PRINZIP)

Allgemeine technische Daten

Einbau	nicht bündig
Betriebsspannung U_b	10 ... 30V DC (KJR-D100FAN... 18 - 30V DC)
Restwelligkeit von U_b	≤ 10%
Spannungsabfall U_d	≤ 2,4V
Max. Laststrom	≤ 200mA (KJR-Q130... ≤ 50mA)
Leerlaufstrom I_0	KJR-D6... bis KJR-D100...: ≤ 15mA KJR-D130... bis KJR-D300...: ≤ 10mA
Reststrom	≤ 10µA
Hysterese H	≤ 15%
Temperaturbereich T_a	-25°C ... +70°C
Empfindlichkeit über Temperatur	siehe Realempfindlichkeit
Schutzart	IP54
EMV-Beständigkeit	nach EN 60947-5-2
Schaltzustandsanzeige	LED
Gehäusematerial	KJR-D6... bis KJR-D30: Ultramid B3EG3 KJR-D50... und KJR-D300: Aluminium
Anschlussart	Stecker M12 4-polig

Auswahltabelle

Artikelnummer	Bezeichnung	Ausgangs-funktion	Realempfindlichkeit	Max. Schaltfrequenz f	Zeichnung (Folgeseite)
08310000982	**KJR-D6KN-DPA-V2**	PNP	FE-Kugel D=1,5mm	600Hz	A + D
08310000983	**KJR-D6KN-DNA-V2**	NPN	FE-Kugel D=1,5mm	600Hz	A + D
08310000984	**KJR-D10KN-DPA-V2**	PNP	FE-Kugel D=1,8mm	600Hz	B + D
08310000985	**KJR-D10KN-DNA-V2**	NPN	FE-Kugel D=1,8mm	600Hz	B + D
08310000986	**KJR-D15-KN-DPA-V2**	PNP	FE-Kugel D=2,4mm	500Hz	C + D
08310000987	**KJR-D15-KN-DNA-V2**	NPN	FE-Kugel D=2,4mm	500Hz	C + D
08310000988	**KJR-D20KN-DPA-V2**	PNP	FE-Kugel D=3,0mm	400Hz	E + G
08310000989	**KJR-D20KN-DNA-V2**	NPN	FE-Kugel D=3,0mm	400Hz	E + G
08310000990	**KJR-D30KN-DPA-V2**	PNP	FE-Kugel D=4,0mm	300Hz	F + G
08310000991	**KJR-D30KN-DNA-V2**	NPN	FE-Kugel D=4,0mm	300Hz	F + G
08317050665	**KJR-D50FAN-DPA-V2**	PNP	FE-Kugel D=3,0mm	500Hz	H
08317050265	**KJR-D50FAN-DNA-V2**	NPN	FE-Kugel D=3,0mm	500Hz	H
08317080565	**KJR-D100AN-DPA-V2**	PNP	FE-Kugel D=6,0mm	500Hz	I
08317080150	**KJR-D100AN-DNA-V2**	NPN	FE-Kugel D=6,0mm	500Hz	I
08317080365	**KJR-D100FAN-DPA-V2**	PNP	FE-Kugel D=8,0mm	500Hz	J
08317080465	**KJR-D100FAN-DNA-V2**	NPN	FE-Kugel D=8,0mm	500Hz	J
08417090659	**KJR-Q130AN-DPA-VE**	PNP	FE-Kugel D=12,0mm	300Hz	K
08317090159	**KJR-Q130AN-DNA-VE**	NPN	FE-Kugel D=12,0mm	300Hz	K
08317160665	**KJR-D200AN-DPA-V2**	PNP	FE-Kugel D=15,0mm	300Hz	L
08317160165	**KJR-D200AN-DNA-V2**	NPN	FE-Kugel D=15,0mm	300Hz	L
08317070665	**KJR-D300AN-DPA-V2**	PNP	FE-Kugel D=30,0mm	300Hz	M
08317071165	**KJR-D300AN-DNA-V2**	NPN	FE-Kugel D=30,0mm	300Hz	M

NORMALE EMPFINDLICHKEIT (STATISCHES PRINZIP)

Abmessungen

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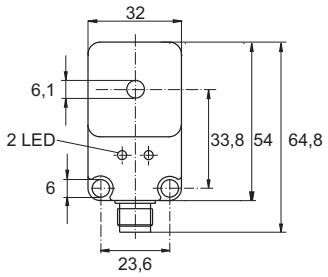

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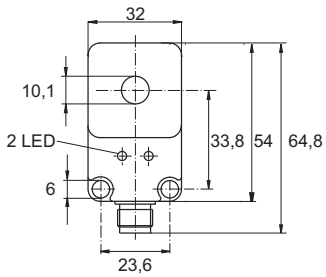

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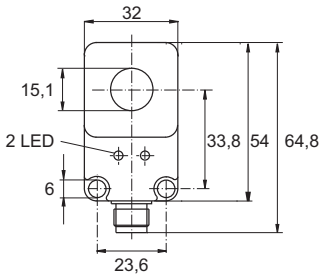

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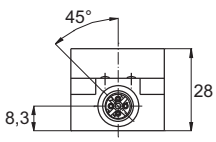

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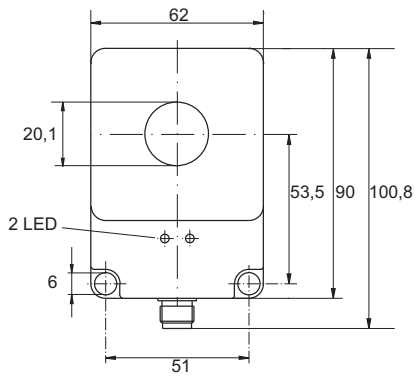

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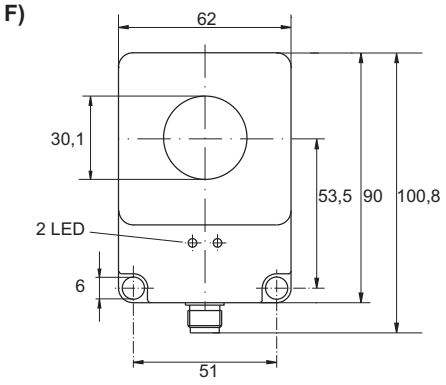

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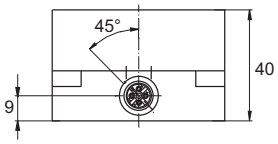

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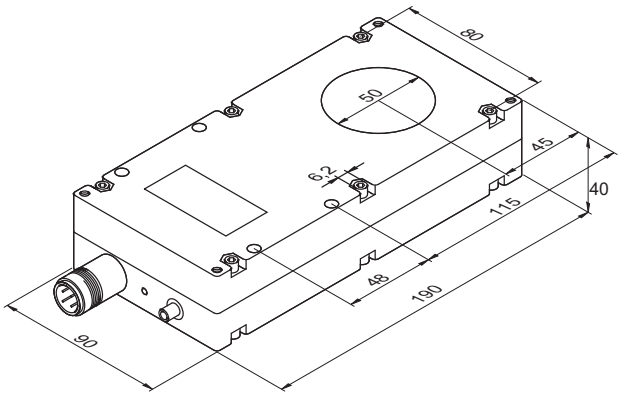

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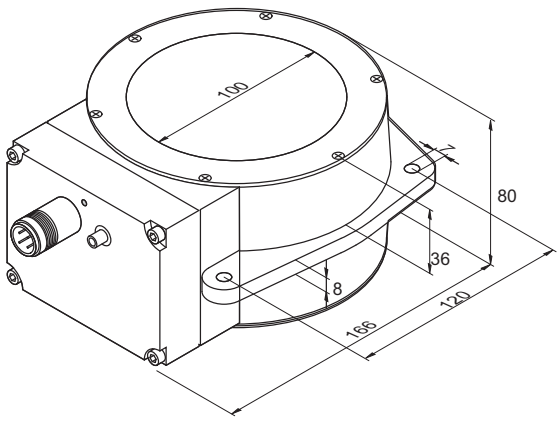
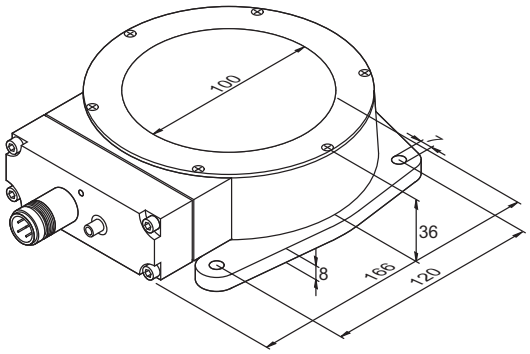


alle Angaben in mm

NORMALE EMPFINDLICHKEIT (STATISCHES PRINZIP)

Abmessungen

J)



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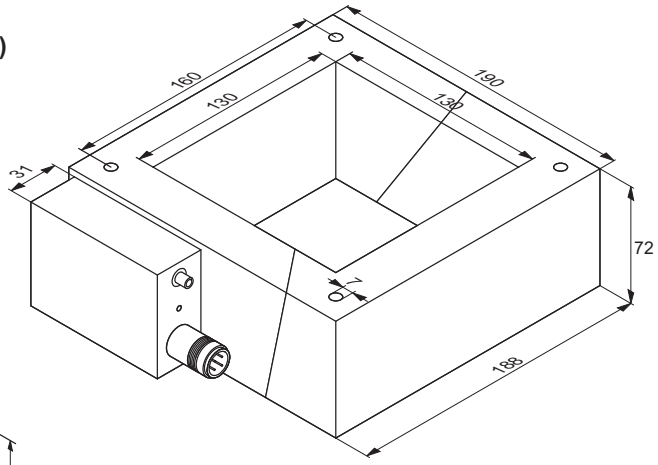

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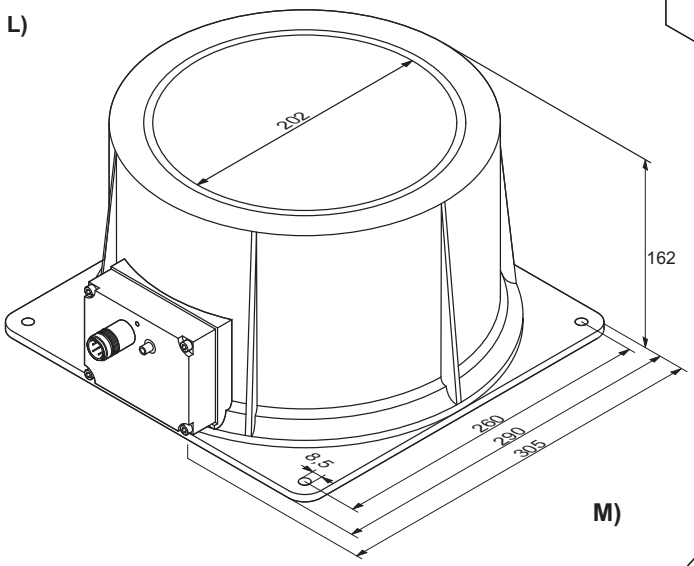

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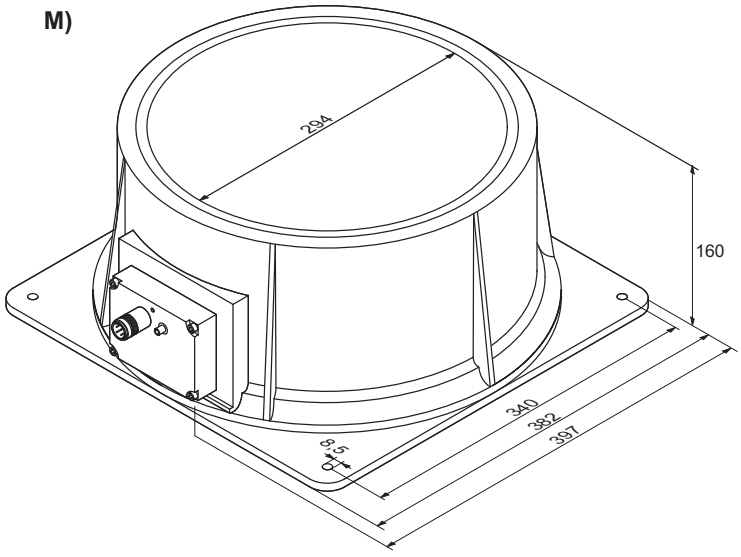


alle Angaben in mm

HOHE EMPFINDLICHKEIT (DYNAMISCHES PRINZIP)

Allgemeine technische Daten

Einbau	nicht bündig
Betriebsspannung U_b	11 ... 30V DC
Restwelligkeit von U_b	≤ 10%
Spannungsabfall U_d	≤ 2,4V
Max. Laststrom	KJR-D6... bis KJR-D30: ≤ 200mA KJR-D50... bis KJR-D300: ≤ 50mA
Leerlaufstrom I_0	KJR-D6... bis KJR-D30: ≤ 15mA KJR-D50... bis KJR-D300: ≤ 25mA
Hysterese H	≤ 15%
Temperaturbereich T_a	-25°C ... +70°C
Empfindlichkeit über Temperatur	siehe Realempfindlichkeit
Schutzart	IP54
EMV-Beständigkeit	nach EN 60947-5-2
Schaltzustandsanzeige	LED
Gehäusematerial	KJR-D6... bis KJR-D30: Ultramid B3EG3 KJR-D50... und KJR-D300: Aluminium
Anschlussart	Stecker M12 4-polig

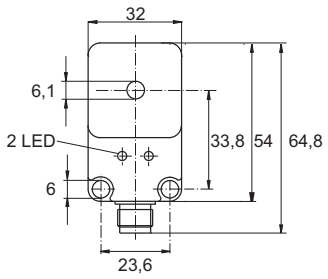
Auswahltabelle

Artikel-nummer	Bezeichnung	Ausgangs-funktion	Realempfindlichkeit * = einstellbar	Max. Schalt-frequenz f	Rest-strom	Zeichnung (Folgeseite)
08310001003	**KJR-D6KN-DPIA-V2**	PNP	FE-Kugel D=0,4mm	10Hz	10µA	A + D
08310001008	**KJR-D6KN-DNIA-V2**	NPN	FE-Kugel D=0,4mm	10Hz	10µA	A + D
08310001004	**KJR-D10KN-DPIA-V2**	PNP	FE-Kugel D=0,5mm	10Hz	10µA	B + D
08310001009	**KJR-D10KN-DNIA-V2**	NPN	FE-Kugel D=0,5mm	10Hz	10µA	B + D
08310001005	**KJR-D15-KN-DPIA-V2**	PNP	FE-Kugel D=0,6mm	10Hz	10µA	C + D
08310001010	**KJR-D15-KN-DNIA-V2**	NPN	FE-Kugel D=0,6mm	10Hz	10µA	C + D
08310001006	**KJR-D20KN-DPIA-V2**	PNP	FE-Kugel D=0,7mm	10Hz	10µA	E + G
08310001011	**KJR-D20KN-DNIA-V2**	NPN	FE-Kugel D=0,7mm	10Hz	10µA	E + G
08310001007	**KJR-D30KN-DPIA-V2**	PNP	FE-Kugel D=1,0mm	10Hz	10µA	F + G
08310001012	**KJR-D30KN-DNIA-V2**	NPN	FE-Kugel D=1,0mm	10Hz	10µA	F + G
08317010865	**KJR-D50FAN-DPIA-V2**	PNP	FE-Kugel D=0,6mm*	100Hz	50µA	H
08317010765	**KJR-D50AN-DNIA-V2**	NPN	FE-Kugel D=0,6mm*	100Hz	50µA	H
08317010265	**KJR-D50FAN-DNIA-V2**	PNP	FE-Kugel D=1,0mm*	100Hz	50µA	I
08317110065	**KJR-D70AN-DNIA-V2**	NPN	FE-Kugel D=1,0mm*	100Hz	50µA	J
08317000265	**KJR-D100AN-DPIA-V2**	PNP	FE-Kugel D=1,3mm*	100Hz	50µA	K
08317000165	**KJR-D100AN-DNIA-V2**	NPN	FE-Kugel D=1,3mm*	100Hz	50µA	K
08317090359	**KJR-Q130AN-DNIA-VE**	PNP	FE-Kugel D=5,0mm	100Hz	500µA	L
08317030265	**KJR-D200AN-DPIA-V2**	NPN	FE-Kugel D=3,0mm	100Hz	50µA	M
08317030165	**KJR-D200AN-DNIA-V2**	PNP	FE-Kugel D=3,0mm	100Hz	50µA	M
08317090259	**KJR-Q290AN-DNIA-VE**	NPN	FE-Kugel D=12,0mm	100Hz	500µA	N
08317040265	**KJR-D300AN-DPIA-V2**	PNP	FE-Kugel D=4,0mm	100Hz	50µA	O
08317040165	**KJR-D300AN-DNIA-V2**	NPN	FE-Kugel D=4,0mm	100Hz	50µA	O

HOHE EMPFINDLICHKEIT (DYNAMISCHES PRINZIP)

Abmessungen

A)



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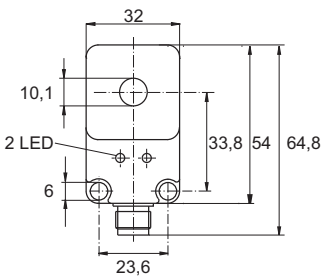

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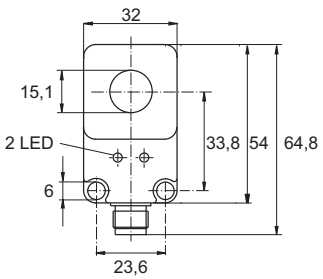

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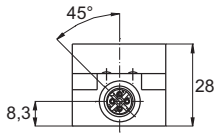

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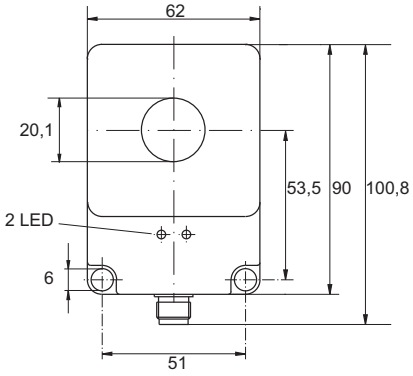

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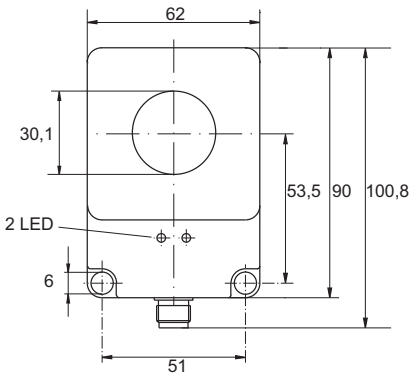

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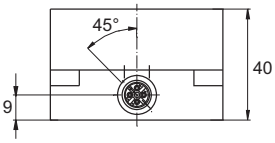

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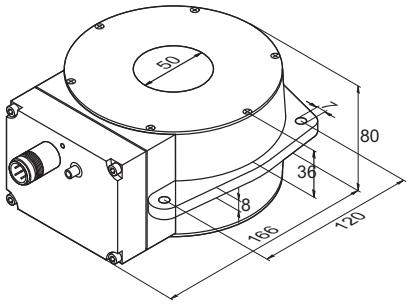

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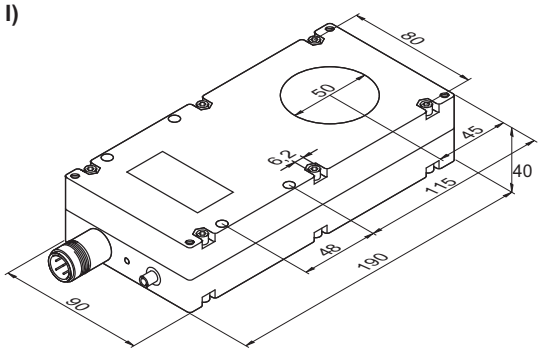

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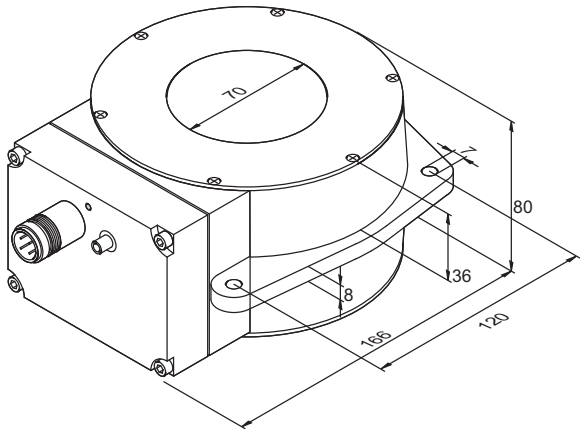
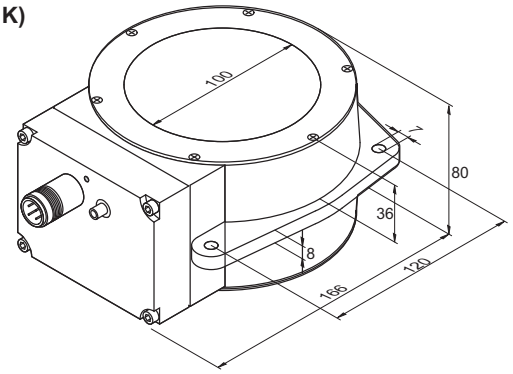


alle Angaben in mm

HOHE EMPFINDLICHKEIT (DYNAMISCHES PRINZIP)

Abmessungen

K)



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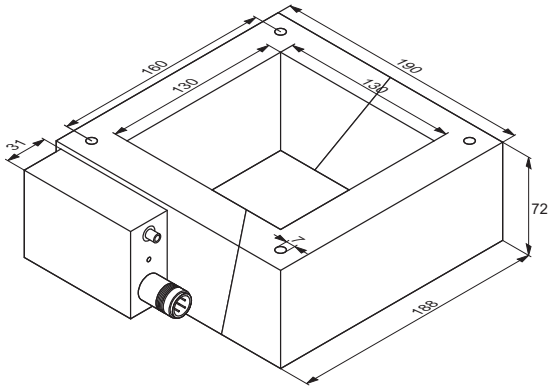

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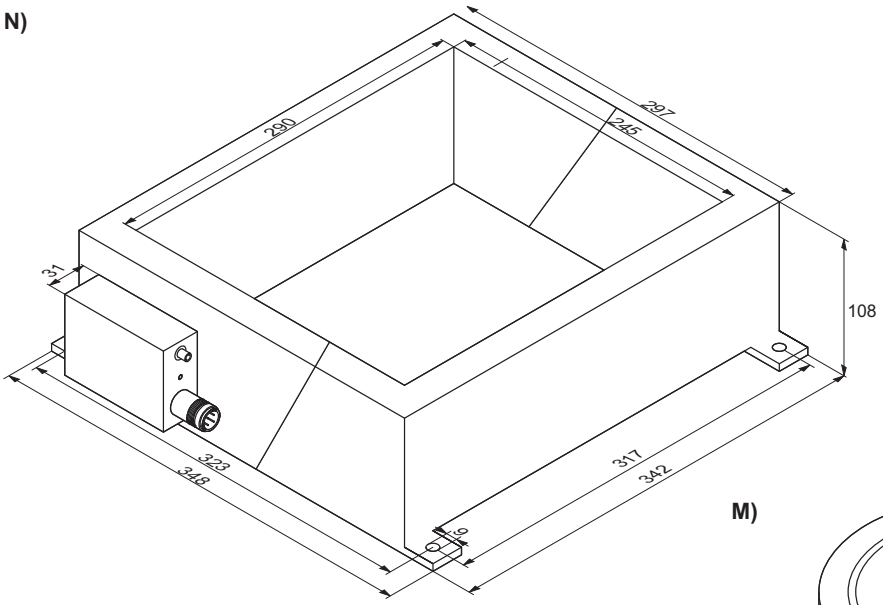

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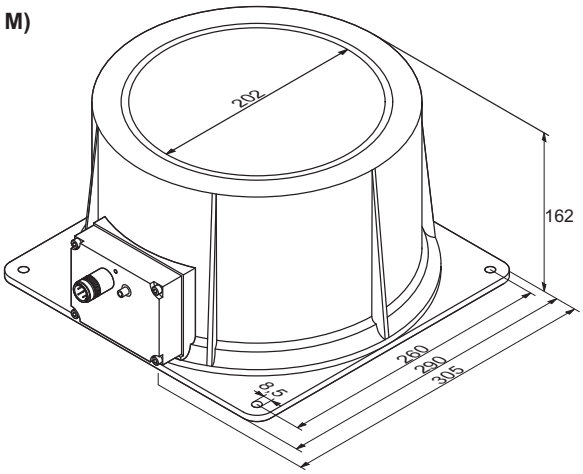

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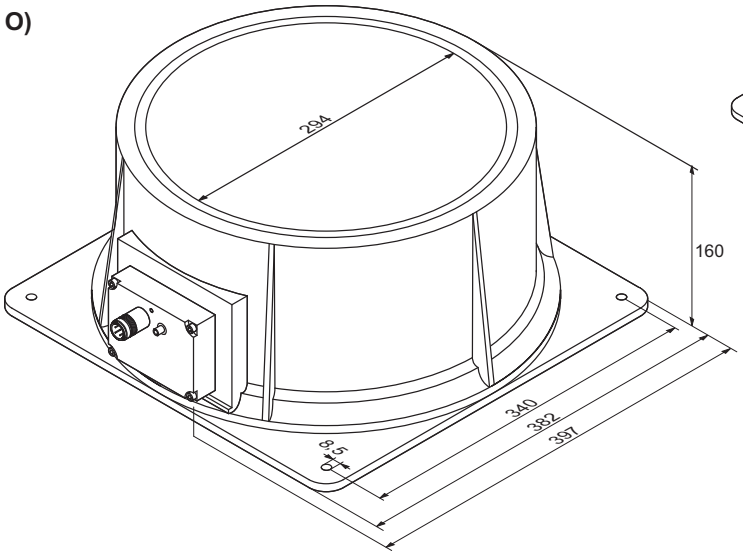

alle Angaben in mm