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Product overview

p·u·l·s·o·t·r·o·n·i·c
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NOTES

DESIGNATION CODE

Example: **K J 10 - M 30 M B 45 - D P S - V1 - X0000**

1	2		3	4	5	6	7		8	9	10		11		12

1 = Working principle

A	Acoustic		
B	Acceleration sensor		
C	Capacitive		
D	Strain gauge sensor		
H	Hall-effect		
J	Inductive	**JR**	Inductive ring
		JF	Inductive surface
		JG	Inductive slot
		JD	Metal face
M	Magnetoresistive		
N	Inclination sensor		
R	Reed-contact		
W	Angle sensor		

2 = Switching distance / range

3 = Design

D	Ring housing
G	Cylindrical housing without thread
M	Cylindrical housing with metrical thread
Q	Square housing

4 = Housing diameter / edge length

5 = Housing material

A	Aluminium
E	Stainless steel
K	Plastic
M	Brass, nickel plated
T	PTFE

6 = Installation

B	Shielded
N	Non shielded

7 = Tube length

8 = Operating voltage

AZ	AC alternating current voltage
D	DC direct current voltage
VZ	AC/DC all voltages

9 = Type of output signal

AN	Analog	**ANI**	Current output
		ANU	Voltage output
CAN	CAN-bus interface		
N	NPN		
NA	Namur		
P	PNP		
Z	Two wire		

10 = Function

A	Changeover
I	Impulse output
Ö	N.C.
S	N.O.
U	Switchable

11 = Type of connection

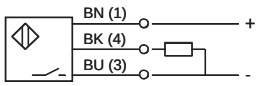
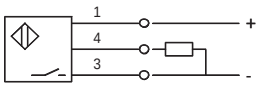
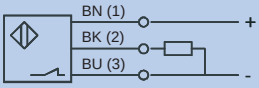
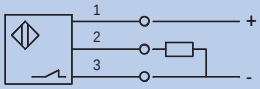
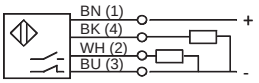
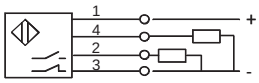
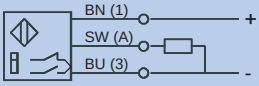
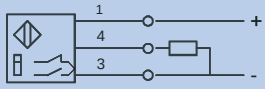
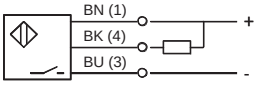
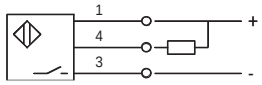
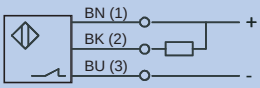
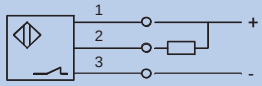
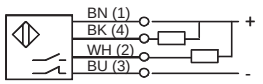
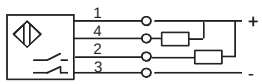
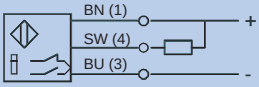
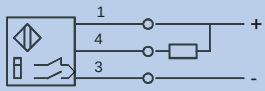
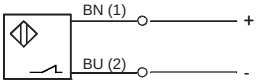
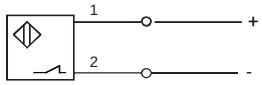
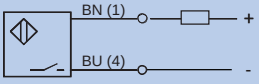
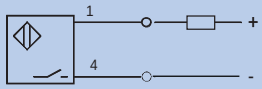
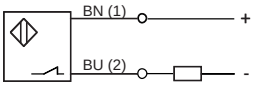
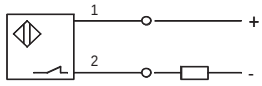
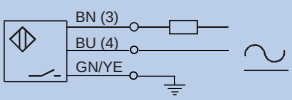
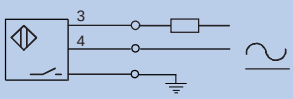
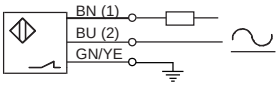
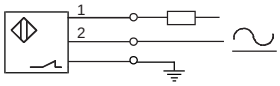
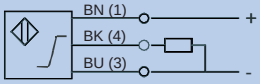
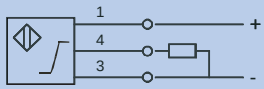
V1	M8 screw-/snap-in
V2	M12 metal
V2/1	M12 plastic
V3	M5 metal
V4	Amphenol Tuchel
V6	Brad Harrison 7/8" UNF
V7	Valve connector type A
V8	M8 snap-in only
V9	Torson
V10	Valve connector type C
V11	AC connector 1/2" UNF
V12	M18 plastic
VE	Euchner connector
RS232	Data interface
PG	Thread joint PG
Mxx	Tread joint metrical

others as requested

12 = Additional marks

AM	Sensing face in centre
FE	Reduction 1 to steel / iron
HT	High temperature
NF	Reduction 1 to nonferrous metal
SF	Weld field immune
T	Enlarged temperature range
W	Angled sensing face / angled cable exit
X	Customized design with detailled description

CIRCUIT DIAGRAMS

Circuit diagram for	Cable / clamp connection	Connector V1 ... V9
DPS DC PNP N.O.		
DPÖ DC PNP N.C.		
DPA DC PNP changeover		
DPU DC NO/NC switchable		
DNS DC NPN N.O.		
DNÖ DC NPN N.C.		
DNA DC NPN changeover		
DNU DC NO/NC switchable		
NA Namur EN 60947-5-6		
DZS DC two-wire N.O.		
DZÖ DC two-wire N.C.		
AZS/VZS AC/DC two-wire N.O.		
AZÖ/VZÖ AC/DC two-wire N.C.		
Analog		

SQUARE Q5

General data

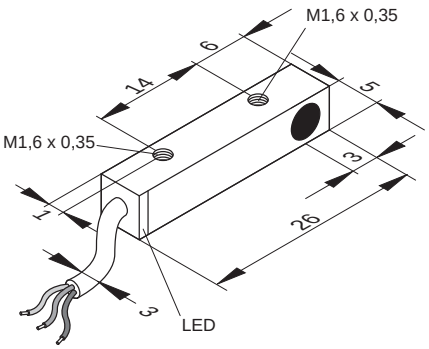
Mounting	shielded
Operating voltage U_b	10 ... 30V DC
Ripple voltage U_b	≤ 10%
Voltage drop U_d	≤ 1V
Max. load current	200mA
Off-state current I_0	≤ 10mA
Residual current I_r	≤ 10µA
Max. switching frequency f	2000Hz
Hysteresis H	≤ 15%
Repeatability R	≤ 1%
Operating temperature T_a	-25°C ... +70°C
Temperature drift	≤ 10%
Protection class	IP67
EMV-standard	according to EN 60947-5-2
Switching state	LED yellow
Housing material	brass, nickel-plated
Front cap	POM
Connection	2m cable PUR black LIY11Y 3 x 0,1mm²

Other cable lengths as requested.

Selection chart

Article number	Designation	Output signal
08313550110	**KJ1-Q5MB26-DPS**	PNP
08313550120	**KJ1-Q5MB26-DPÖ**	PNP
08313550130	**KJ1-Q5MB26-DNS**	NPN
08313550140	**KJ1-Q5MB26-DNÖ**	NPN
08313550160	**KJ1-Q5MB26-DPS-X0429**	PNP

Dimensions



all data in mm

SQUARE Q8

General data

Mounting	shielded
Operating voltage U_b	10 ... 30V DC
Ripple voltage U_b	≤ 10% (KJ3... ≤ 20%)
Voltage drop U_d	≤ 2,4V*
Max. load current	200mA
Off-state current I_0	≤ 13mA (KJ3... ≤ 20mA)
Residual current I_r	≤ 10µA (KJ3... ≤ 100µA)
Max. switching frequency f	1000Hz
Hysteresis H	≤ 15% (KJ3... ≤ 10%)
Repeatability R	≤ 5%
Operating temperature T_a	-25°C ... +70°C
Temperature drift	≤ 10%
Protection class	IP67
EMV-standard	according to IEC 60947-5-2
Switching state	LED
Housing material	brass nickel-plated, aluminium
Front cap	brass: PCP aluminium: polyamide 6.6

Selection chart brass

Article number	Designation	Output signal	Switching distance in mm	Connection	Drawing (next page)
08317611000	**KJ1,5-Q8MB40-DPS**	PNP ⎍	1,5	2m cable PVC 3 x 0,14mm²	A
08317611064	**KJ1,5-Q8MB60-DPS-V1**	PNP ⎍	1,5	connector M8 3-pole	B
08317611100	**KJ1,5-Q8MB40-DPS-AM**	PNP ⎍	1,5	2m cable PVC 3 x 0,14mm²	C
08317611164	**KJ1,5-Q8MB60-DPS-V1-AM**	PNP ⎍	1,5	connector M8 3-pole	D
08317612000	**KJ3-Q8MB40-DPS**	PNP ⎍	3	2m cable PVC 3 x 0,14mm²	A
08317612064	**KJ3-Q8MB60-DPS-V1**	PNP ⎍	3	connector M8 3-pole	B

Design NPN and other cable lengths as requested.

Selection chart aluminium

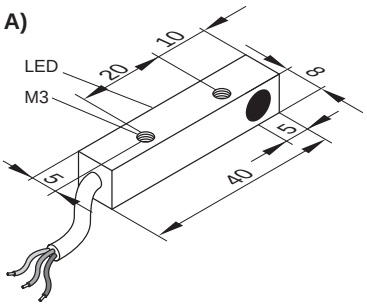
Article number	Designation	Output signal	Switching distance in mm	Connection	Drawing (next page)
08310000475	**KJ2-Q8MB-DPS**	PNP ⎍	2	2m cable PVC 3 x 0,14mm²	A
08310020475	**KJ2-Q8MB-DPÖ**	PNP ⎍	2	2m cable PVC 3 x 0,14mm²	A
08310000509	**KJ2-Q8AB-DPS-V1**	PNP ⎍	2	connector M8 3-pole	E
0831xxxxxxx	**KJ2-Q8AB-DPÖ-V1**	PNP ⎍	2	connector M8 3-pole	E
08310000054	**KJ2-Q8AB-DPS-AM**	PNP ⎍	2	2m cable PVC 3 x 0,14mm²	F
08310000369	**KJ2-Q8AB-DPS-V1-AM**	PNP ⎍	2	connector M8 3-pole	G

Design NPN and other cable lengths as requested.

SQUARE Q8

Dimensions

A)



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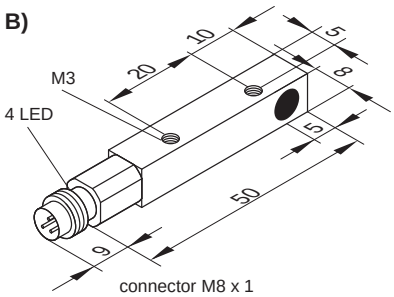
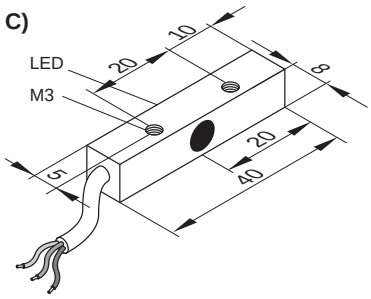


connector M8 x 1

C)



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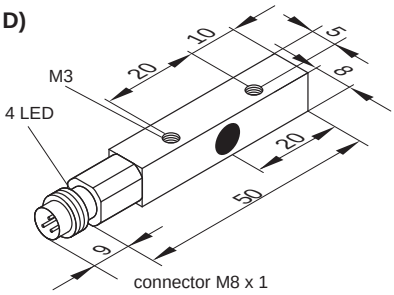

connector M8 x 1

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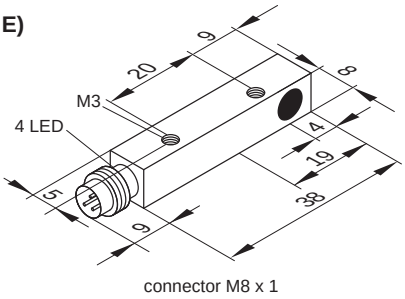

connector M8 x 1

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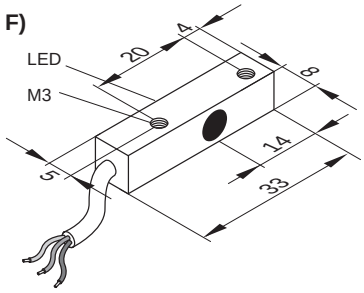

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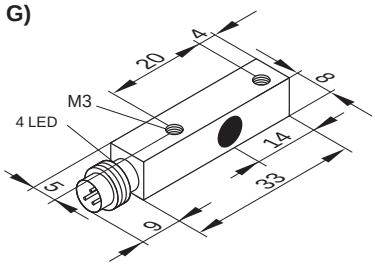


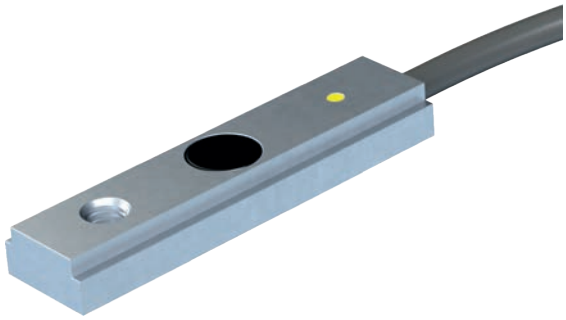
connector M8 x 1

all data in mm

SQUARE Q9,9

General data

Mounting	shielded
Switching distance	2mm
Operating voltage U_b	10 ... 30V DC
Ripple voltage U_b	≤ 10%
Voltage drop U_d	≤ 2,4V
Max. load current	200mA
Off-state current I_0	≤ 13mA
Residual current I_r	≤ 10µA
Max. switching frequency f	1000Hz
Hysteresis H	≤ 15%
Repeatability R	≤ 2%
Operating temperature T_a	-25°C ... +75°C
Temperature drift	≤ 10%
Protection class	IP67
EMV-standard	according to IEC 60947-5-2
Switching state	LED
Housing material	aluminium
Front cap	polyamide 6.6
Connection	2m cable PVC 3 x 0,14mm²

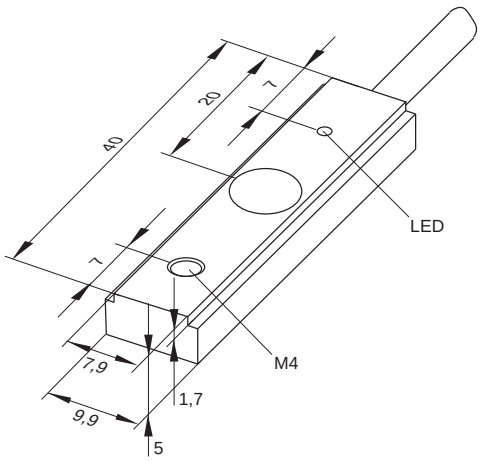


Design NPN and other cable lengths as requested.

Selection chart

Article number	Designation	Output signal
08310000208	**KJ2-Q9,9AB-DPS**	PNP ⎍
08310000454	**KJ2-Q9,9AB-DPÖ**	PNP ⎍

Dimensions



all data in mm

SQUARE Q12

General data

Operating voltage U_b	10 ... 30V DC
Ripple voltage U_b	≤ 10%
Voltage drop U_d	≤ 2,4V
Max. load current	200mA
Off-state current I_0	≤ 13mA
Residual current I_r	≤ 10µA
Max. switching frequency f	1000Hz
Hysteresis H	≤ 15%
Repeatability R	≤ 2%
Operating temperature T_a	-25°C ... +70°C
Temperature drift	≤ 10%
Protection class	IP67
EMV-standard	according to IEC 60947-5-2
Switching state	LED
Housing material	PBT

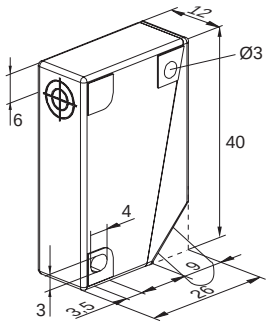
Selection chart

Article number	Designation	Mounting	Output signal	Switching distance in mm	Connection	Drawing
08317613000	**KJ2-Q12KB-DPS**	shielded	PNP	2	2m cable PVC 3 x 0,34mm²	A
08317613400	**KJ2-Q12KB-DPÖ**	shielded	PNP	2	2m cable PVC 3 x 0,34mm²	A
08317613064	**KJ2-Q12KB-DPS-V1**	shielded	PNP	2	connector M8 3-pole	B
08317613464	**KJ2-Q12KB-DPÖ-V1**	shielded	PNP	2	connector M8 3-pole	B
08317613200	**KJ4-Q12KN-DPS**	non shielded	PNP	4	2m cable PVC 3 x 0,34mm²	A
08317613600	**KJ4-Q12KN-DPÖ**	non shielded	PNP	4	2m cable PVC 3 x 0,34mm²	A
08317613264	**KJ4-Q12KN-DPS-V1**	non shielded	PNP	4	connector M8 3-pole	B
08317613664	**KJ4-Q12KN-DPÖ-V1**	non shielded	PNP	4	connector M8 3-pole	B
08310000527	**KJ4-Q12KN-DPA**	non shielded	PNP	4	2m cable PVC 4 x 0,34mm²	A

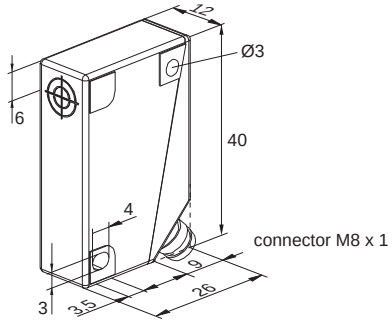
Design NPN and other cable lengths as requested.

Dimensions

A)



B)

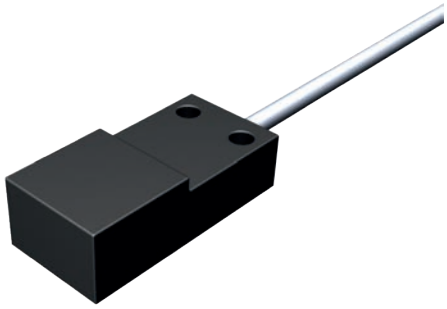


all data in mm

MICRO SQUARE Q15

General data

Mounting	non shielded
Operating voltage U_b	10 ... 30V DC
Ripple voltage U_b	≤ 10%
Voltage drop U_d	≤ 1,0V
Max. load current	100mA
Off-state current I_0	≤ 10mA
Residual current I_r	≤ 10µA
Max. switching frequency f	250Hz
Hysteresis H	≤ 15%
Repeatability R	≤ 0,04 mm
Operating temperature T_a	-25°C ... +70°C
Temperature drift	≤ 10%
Protection class	IP67
EMV-standard	according to IEC 60947-5-2
Switching state	LED
Housing material	PA6 GF30 back translucent (SJ = PC)

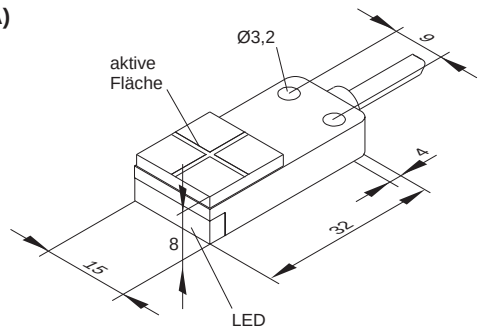


Selection chart

Article number	Designation	Output signal	Switching distance in mm	Connection	Drawing
08313150410	**KJ4-Q15KN32-DPS**	PNP —/—	4	2m cable PVC 3 x 0,14mm²	A
08313150420	**KJ4-Q15KN32-DPÖ**	PNP —/⊥	4	2m cable PVC 3 x 0,14mm²	A
08313150430	**SJ4-Q15KN32-DNS**	NPN —/—	4	2m cable PVC 3 x 0,15mm²	A
08313150440	**SJ4-Q15KN32-DNÖ**	NPN —/⊥	4	2m cable PVC 3 x 0,15mm²	A
08310001237	**KJ6,4-Q15KN32-DPS**	PNP —/—	6,4	2m cable PVC 3 x 0,14mm²	A
08313156430	**KJ6,4-Q15KN32-DNS**	NPN —/—	6,4	2m cable PVC 3 x 0,14mm²	A

Other cable lengths as requested.

A)



SQUARE Q25

General data

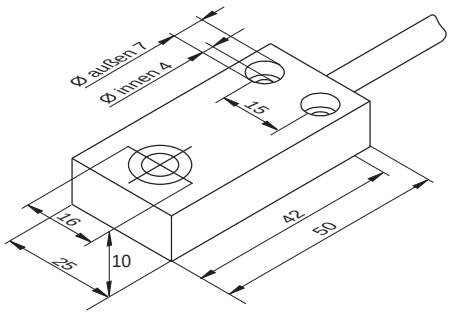
Operating voltage U_b	10 ... 30V DC
Ripple voltage U_b	≤ 10%
Voltage drop U_d	≤ 2,4V
Max. load current	200mA
Off-state current I_0	≤ 13mA
Residual current I_r	≤ 10µA
Max. switching frequency f	1000Hz (KJ8... 800Hz)
Hysteresis H	≤ 15%
Repeatability R	≤ 2%
Operating temperature T_a	-25°C ... +70°C
Temperature drift	≤ 10%
Protection class	IP67
EMV-standard	according to IEC 60947-5-2
Switching state	LED
Housing material	PA6 GF30 black translucent

Selection chart polyamide

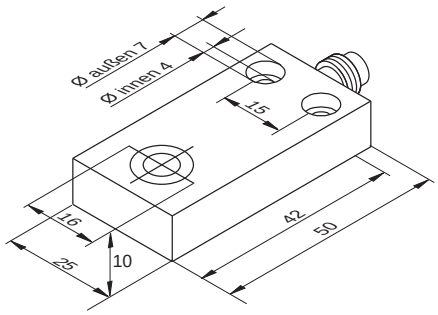
Article number	Designation	Mounting	Output signal	Switching distance in mm	Connection	Drawing
08310000772	**KJ5-Q25KB-DPS**	shielded	PNP	5	2m cable PVC 3 x 0,34mm²	A
08310001285	**KJ5-Q25KB-DPÖ**	shielded	PNP	5	2m cable PVC 3 x 0,34mm²	A
08310000203	**KJ5-Q25KB-DPS-V1**	shielded	PNP	5	connector M8 3-pole	B
08310000472	**KJ5-Q25KB-DPÖ-V1**	shielded	PNP	5	connector M8 3-pole	B
08310000901	**KJ5-Q25KB-DPA**	shielded	PNP	5	2m cable PVC 4 x 0,25mm²	A
08310000056	**KJ8-Q25KN-DPS**	non shielded	PNP	8	2m cable PVC 3 x 0,34mm²	A
08310001952	**KJ8-Q25KN-DPÖ**	non shielded	PNP	8	2m cable PVC 3 x 0,34mm²	A
08310000508	**KJ8-Q25KN-DPS-V1**	non shielded	PNP	8	connector M8 3-pole	B
08310001883	**KJ8-Q25KN-DPÖ-V1**	non shielded	PNP	8	connector M8 3-pole	B
08310001079	**KJ8-Q25KN-DPA**	non shielded	PNP	8	2m cable PVC 4 x 0,25mm²	A

Design NPN and other cable lengths as requested.

A)



B)



Connector M8 3-pin

SQUARE Q28

General data

Operating voltage U_b	10 ... 30V DC
Ripple voltage U_b	≤ 10%
Voltage drop U_d	≤ 2,4V
Max. load current	200mA
Off-state current I_0	≤ 13mA
Residual current I_r	≤ 10µA
Max. switching frequency f	1000Hz (KJ4... 800Hz)
Hysteresis H	≤ 15%
Repeatability R	≤ 2%
Operating temperature T_a	-25°C ... +70°C
Temperature drift	≤ 10%
Protection class	IP67
EMV-standard	according to IEC 60947-5-2
Switching state	LED
Housing material	PA6 GF30 black translucent

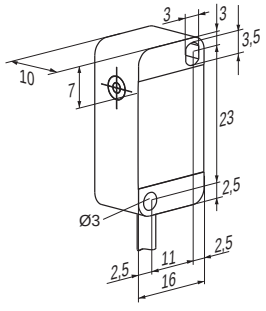
Selection chart

Article number	Designation	Mounting	Output signal	Switching distance in mm	Connection	Drawing
08310000042	**KJ2-Q28KB-DPS**	shielded	PNP ⎍	2	2m cable PVC 3 x 0,14mm²	A
08310000437	**KJ2-Q28KB-DPÖ**	shielded	PNP ⎍	2	2m cable PVC 3 x 0,14mm²	A
08310000608	**KJ2-Q28KB-DPS-V1**	shielded	PNP ⎍	2	connector M8 3-pole	B
08310000632	**KJ2-Q28KB-DPÖ-V1**	shielded	PNP ⎍	2	connector M8 3-pole	B
08310006008	**KJ2-Q28KB-DPS-AMP**	shielded	PNP ⎍	2	3 x plug connector AMP	C
08310000609	**KJ4-Q28KN-DPS-V1**	non shielded	PNP ⎍	4	connector M8 3-pole	B
08310020184	**KJ4-Q28KN-DPÖ-V1**	non shielded	PNP ⎍	4	connector M8 3-pole	B
08310000100	**KJ6-Q28KN-DPS-V1**	non shielded	PNP ⎍	6	connector M8 3-pole	B
08310001247	**KJ6-Q28KN-DPÖ-V1**	non shielded	PNP ⎍	6	connector M8 3-pole	B

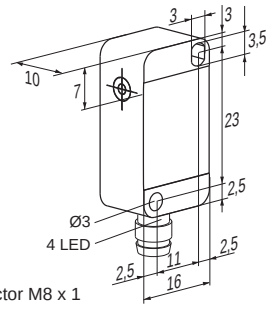
Design NPN and other cable lengths as requested.

Dimensions

A)

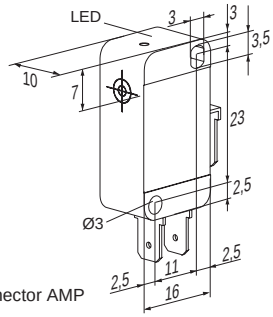


B)



connector M8 x 1

C)



plug connector AMP

all data in mm

SQUARE Q40

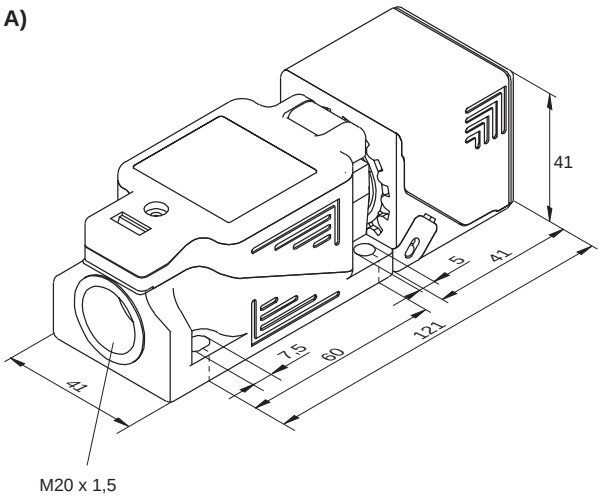
General data

Operating voltage U_b	10 ... 30V DC
Ripple voltage U_b	≤ 10%
Voltage drop U_d	≤ 2,4V
Max. load current	see selection chart
Off-state current I_0	see selection chart
Residual current I_r	≤ 10µA
Max. switching frequency f	150Hz (KJ40... 70Hz)
Hysteresis H	≤ 20%
Repeatability R	≤ 5%
Operating temperature T_a	-25°C ... +70°C
Temperature drift	≤ 10%
Protection class	IP67 / see enclosed label*
EMV-standard	according to IEC 60947-5-2
Switching state	LED
Housing material	trogamit T, polyamide 6.6

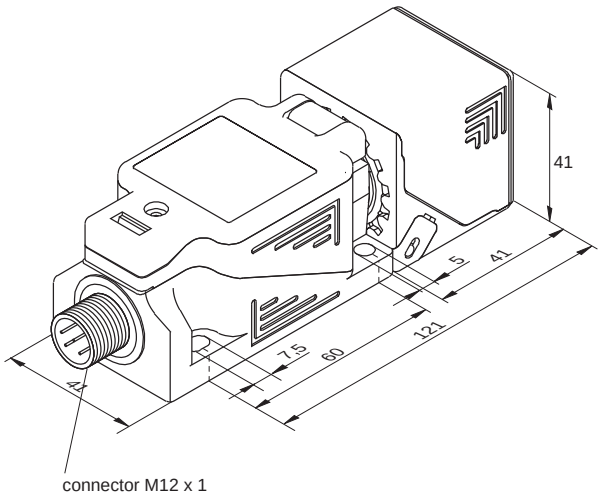
* When fixing the cover with the enclosed screw and sealed cable gland IP67 (without using the enclosed screw IP65)

Dimensions

A)



B)



all data in mm
Selection chart on the next page

SQUARE Q40

Selection chart Trogamit T

Article number	Designation	Former order number	Mounting	Output signal	Switching distance in mm	Connection	Drawing
08317633000	**KJ15-Q40KB-DPU**	9863-3000	shielded	PNP	15	clamps 1,5mm²	A
08317633300	**KJ15-Q40KB-DNU**	9863-3300	shielded	NPN	15	clamps 1,5mm²	A
08317633065	**KJ15-Q40KB-DPU-V2**	9863-3065	shielded	PNP	15	connector M12 4-pole	B
08317633365	**KJ15-Q40KB-DNU-V2**	9863-3365	shielded	NPN	15	connector M12 4-pole	B
08317633100	**KJ25-Q40KT-DPU**	9863-3100	quasi-shielded	PNP	25	clamps 1,5mm²	A
08317633400	**KJ25-Q40KT-DNU**	9863-3400	quasi-shielded	NPN	25	clamps 1,5mm²	A
08317633165	**KJ25-Q40KT-DPU-V2**	9863-3165	quasi-shielded	PNP	25	connector M12 4-pole	B
08317633465	**KJ25-Q40KT-DNU-V2**	9863-3465	quasi-shielded	NPN	25	connector M12 4-pole	B
08317633200	**KJ40-Q40KN-DPU**	9863-3200	non shielded	PNP	40	clamps 1,5mm²	A
08317633500	**KJ40-Q40KN-DNU**	9863-3500	non shielded	NPN	40	clamps 1,5mm²	A
08317633265	**KJ40-Q40KN-DPU-V2**	9863-3265	non shielded	PNP	40	connector M12 4-pole	B
08317633565	**KJ40-Q40KN-DNU-V2**	9863-3565	non shielded	NPN	40	connector M12 4-pole	B

Max. load current 400mA
Off-state current ≤ 34mA

Selection chart Polyamide 6.6

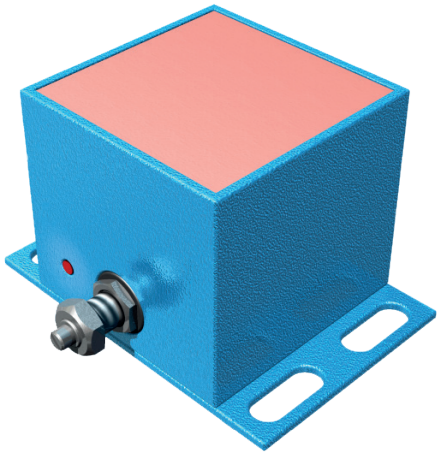
Article number	Designation	Former order number	Mounting	Output signal	Switching distance in mm	Connection	Drawing
08317832000	**KJ20-Q40KB-DPU**	9883-2000	shielded	PNP	20	clamps 2,5mm²	A
08317832300	**KJ20-Q40KB-DNU**	9883-2300	shielded	NPN	20	clamps 2,5mm²	A
08317832065	**KJ20-Q40KB-DPU-V2**	9883-2065	shielded	PNP	20	connector M12 4-pole	B
08317832365	**KJ20-Q40KB-DNU-V2**	9883-2365	shielded	NPN	20	connector M12 4-pole	B
08317832200	**KJ40-Q40KN-DPU**	9883-2200	non shielded	PNP	40	clamps 2,5mm²	A
08317832500	**KJ40-Q40KN-DNU**	9883-2500	non shielded	NPN	40	clamps 2,5mm²	A
08317832265	**KJ40-Q40KN-DPU-V2**	9883-2265	non shielded	PNP	40	connector M12 4-pole	B
08317832565	**KJ40-Q40KN-DNU-V2**	9883-2565	non shielded	NPN	40	connector M12 4-pole	B

Max. load current 120mA
Off-state current ≤ 10mA

SQUARE Q50

General data

Operating voltage U_b	10 ... 30V DC
Ripple voltage U_b	≤ 10%
Voltage drop U_d	≤ 2,4V
Max. load current	400mA
Off-state current I_0	≤ 18mA
Residual current I_r	≤ 10µA
Max. switching frequency f	300Hz
Hysteresis H	≤ 15%
Repeatability R	≤ 2%
Operating temperature T_a	-25°C ... +70°C
Temperature drift	≤ 10%
Protection class	IP67
EMV-standard	according to IEC 60947-5-2
Switching state	LED
Housing material	aluminum
Front cap	Trovidur red



Switching distance adjustable via potentiometer.

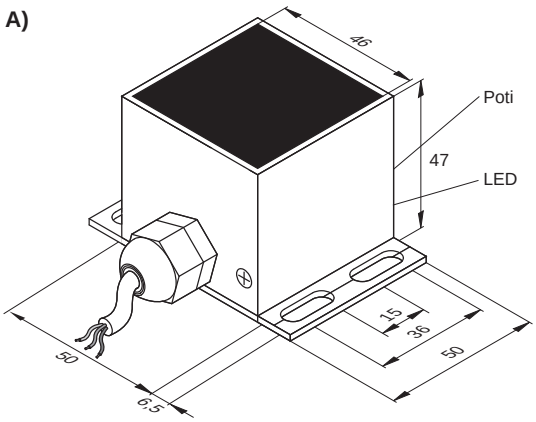
Selection chart

Article number	Designation	Mounting	Output signal	Switching distance in mm	Connection	Drawing
08317070900	**KJ40-Q50AB-DPS**	shielded	PNP ⎍	40	2m cable PVC 3 x 0,34mm²	A
08317070100	**KJ40-Q50AB-DNS**	shielded	NPN ⎍	40	2m cable PVC 3 x 0,34mm²	A
08317070965	**KJ40-Q50AB-DPS-V2**	shielded	PNP ⎍	40	connector M12 4-pole	B
08317070165	**KJ40-Q50AB-DNS-V2**	shielded	NPN ⎍	40	connector M12 4-pole	B

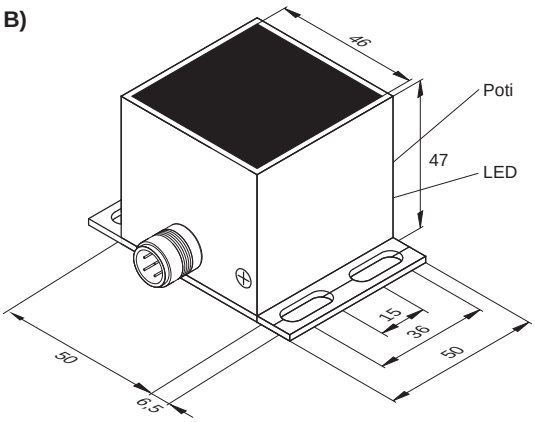
Other cable lengths as requested.

Dimensions

A)



B)



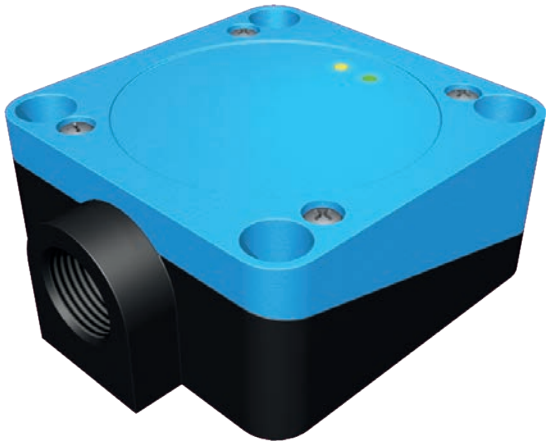
connector M12 x 1

all data in mm

SQUARE Q80

General data

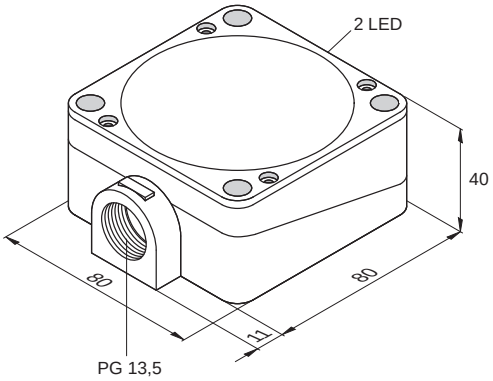
Operating voltage U_b	10 ... 30V DC
Ripple voltage U_b	≤ 10%
Voltage drop U_d	≤ 3,0V (KJ50... ≤ 2,4V)
Max. load current	200mA
Off-state current I_0	≤ 22mA
Residual current I_r	≤ 10µA
Max. switching frequency f	100Hz
Hysteresis H	≤ 15%
Repeatability R	≤ 2%
Operating temperature T_a	-25°C ... +70°C
Temperature drift	≤ 10%
Protection class	IP67
EMV-standard	according to IEC 60947-5-2
Switching state	LED
Housing material	polycarbonate



Selection chart

Article number	Designation	Mounting	Output signal	Switching distance in mm	Connection
08317651100	**KJ40-Q80KB-DPA**	shielded	PNP	40	termination block
08317651000	**KJ50-Q80KN-DPA**	non shielded	PNP	50	termination block

Dimensions

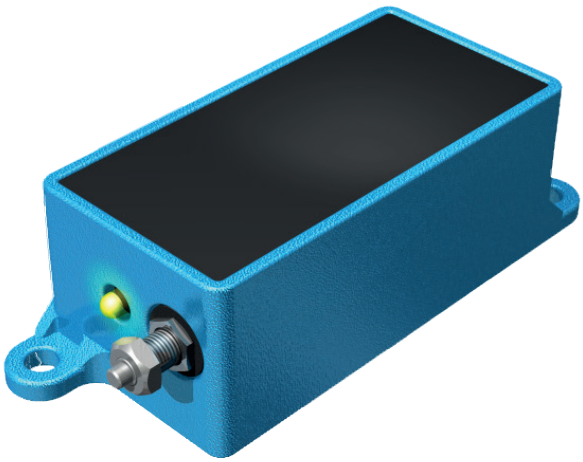


all data in mm

SQUARE Q100

General data

Mounting	non shielded
Operating voltage U_b	10 ... 30V DC
Ripple voltage U_b	≤ 10%
Voltage drop U_d	≤ 2,4V
Max. load current	400mA
Off-state current I_0	≤ 12mA
Residual current I_r	≤ 10µA
Max. switching frequency f	300Hz
Hysteresis H	≤ 15%
Repeatability R	≤ 2%
Operating temperature T_a	-25°C ... +70°C
Temperature drift	≤ 10%
Protection class	IP67
EMV-standard	according to IEC 60947-5-2
Switching state	LED
Housing material	aluminum



* For parallel mounting these sensors are available in 5 different frequencies.
You can order these frequencies with adding F2 ... F5 as appendix to the designation.

Switching distance adjustable via potentiometer.

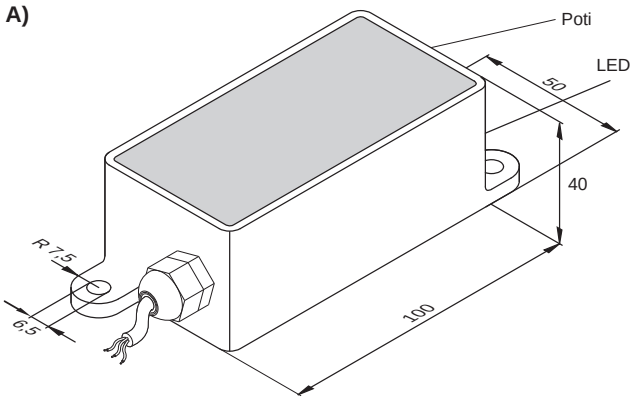
Selection chart

Article number	Designation	Output signal	Switching distance in mm	Connection	Drawing
08316090100	**KJ70-Q100AN-DPS-F1**	PNP ⎍	70	2m cable PVC 3 x 0,34mm²	A
08317090300	**KJ70-Q100AN-DNS-F1**	NPN ⎍	70	2m cable PVC 3 x 0,34mm²	A
08317090165	**KJ70-Q100AN-DPS-V2-F1**	PNP ⎍	70	connector M12 4-pole	B
08317090365	**KJ70-Q100AN-DNS-V2-F1**	NPN ⎍	70	connector M12 4-pole	B

Other cable lengths as requested.

Dimensions

A)



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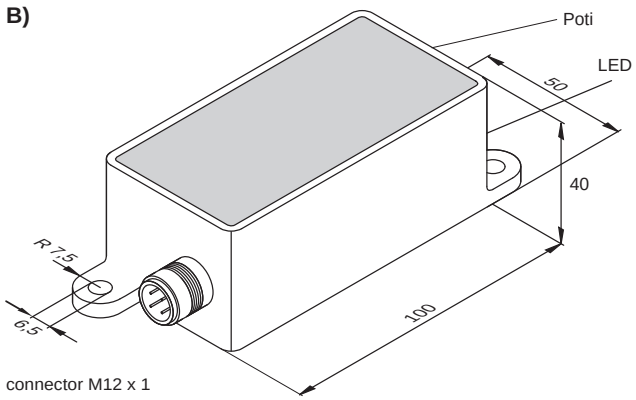

connector M12 x 1

all data in mm

PRODUCT OVERVIEW

Product group	Designation	Article number	Matchcode	Page
Inductive Square	KJ1-Q5MB26-DPS	08313550110		5
Inductive Square	KJ1-Q5MB26-DPÖ	08313550120		5
Inductive Square	KJ1-Q5MB26-DNS	08313550130		5
Inductive Square	KJ1-Q5MB26-DNÖ	08313550140		5
Inductive Square	KJ1-Q5MB26-DPS-X0429	08313550160		5
Inductive Square	KJ1,5-Q8MB40-DPS	08317611000	9861-1000	6
Inductive Square	KJ1,5-Q8MB40-DPS-AM	08317611100	9861-1100	6
Inductive Square	KJ1,5-Q8MB60-DPS-V1	08317611064	9861-1064	6
Inductive Square	KJ1,5-Q8MB60-DPS-V1-AM	08317611164	9861-1164	6
Inductive Square	KJ2-Q8MB-DPS	08310000475		6
Inductive Square	KJ2-Q8AB-DPS-AM	08310000440		6
Inductive Square	KJ2-Q8MB-DPÖ	08310020475		6
Inductive Square	KJ2-Q8AB-DPS-V1	08310000509		6
Inductive Square	KJ2-Q8AB-DPS-V1-AM	08310000369		6
Inductive Square	KJ2-Q8AB-DPÖ-V1	08310000409		6
Inductive Square	KJ2-Q9,9AB-DPS	08310000208		8
Inductive Square	KJ2-Q9,9AB-DPÖ	08310000454		8
Inductive Square	KJ2-Q12KB-DPS	08317613000	9861-3000	9
Inductive Square	KJ2-Q12KB-DPÖ	08317613400	9861-3400	9
Inductive Square	KJ2-Q12KB-DPS-V1	08317613064	9861-3064	9
Inductive Square	KJ2-Q12KB-DPÖ-V1	08317613464	9861-3464	9
Inductive Square	KJ2-Q28KB-DPS	08310000042		12
Inductive Square	KJ2-Q28KB-DPS-AMP	08310006008		12
Inductive Square	KJ2-Q28KB-DPÖ	08310000437		12
Inductive Square	KJ2-Q28KB-DNS-AMP	08310001094		12
Inductive Square	KJ2-Q28KB-DPS-V1	08310000608		12
Inductive Square	KJ2-Q28KB-DPÖ-V1	08310000632		12
Inductive Square	KJ3-Q8MB40-DPS	08317612000	9861-2000	6
Inductive Square	KJ3-Q8MB60-DPS-V1	08317612064	9861-2064	6
Inductive Square	KJ4-Q12KN-DPS	08317613200	9861-3200	9
Inductive Square	KJ4-Q12KN-DPÖ	08317613600	9861-3600	9
Inductive Square	KJ4-Q12KN-DPS-V1	08317613264	9861-3264	9
Inductive Square	KJ4-Q12KN-DPÖ-V1	08317613664	9861-3664	9
Inductive Square	KJ4-Q12KN-DPA	08310000527		9
Inductive Square	KJ4-Q15KN32-DPS	08313150410		11
Inductive Square	KJ4-Q15KN32-DPÖ	08313150420		11
Inductive Square	SJ4-Q15KN32-DNS	08313150430		11
Inductive Square	SJ4-Q15KN32-DNÖ	08313150440		11
Inductive Square	KJ4-Q28KN-DPS-V1	08310000609		11
Inductive Square	KJ4-Q28KN-DPÖ-V1	08310020184		11
Inductive Square	KJ5-Q25KB-DPS	08310000772		10
Inductive Square	KJ5-Q25KB-DPÖ	08310001285		10
Inductive Square	KJ5-Q25KB-DPA	08310000901		10
Inductive Square	KJ5-Q25KB-DPS-V1	08310000203		10
Inductive Square	KJ5-Q25KB-DPÖ-V1	08310000472		10
Inductive Square	KJ6-Q28KN-DPS-V1	08310000100		12
Inductive Square	KJ6-Q28KN-DPÖ-V1	08310001247		12

PRODUCT OVERVIEW

Product group	Designation	Article number	Matchcode	Page
Inductive Square	KJ6,4-Q15KN32-DPS	08310001237		11
Inductive Square	KJ6,4-Q15KN32-DNS	08313156430		12
Inductive Square	KJ8-Q25KN-DPS	08310000056		10
Inductive Square	KJ8-Q25KN-DPÖ	08310001952		10
Inductive Square	KJ8-Q25KN-DPS-V1	08310000508		10
Inductive Square	KJ8-Q25KN-DPÖ-V1	08310001883		10
Inductive Square	KJ8-Q25KN-DPA	08310001079		10
Inductive Square	KJ15-Q40KB-DPU	08317633000	9863-3000	13
Inductive Square	KJ15-Q40KB-DNU	08317633300	9863-3300	13
Inductive Square	KJ15-Q40KB-DPU-V2	08317633065	9863-3065	13
Inductive Square	KJ15-Q40KB-DNU-V2	08317633365	9863-3365	13
Inductive Square	KJ20-Q40KB-DPU	08317832000	9883-2000	13
Inductive Square	KJ20-Q40KB-DNU	08317832300	9883-2300	13
Inductive Square	KJ20-Q40KB-DPU-V2	08317832065	9883-2065	13
Inductive Square	KJ20-Q40KB-DNU-V2	08317832365	9883-2365	13
Inductive Square	KJ25-Q40KT-DPU	08317633100	9863-3100	13
Inductive Square	KJ25-Q40KT-DNU	08317633400	9863-3400	13
Inductive Square	KJ25-Q40KT-DPU-V2	08317633165	9863-3165	13
Inductive Square	KJ25-Q40KT-DNU-V2	08317633465	9863-3465	13
Inductive Square	KJ40-Q40KN-DPU	08317633200	9863-3200	13
Inductive Square	KJ40-Q40KN-DPU	08317832200	9883-2200	13
Inductive Square	KJ40-Q40KN-DNU	08317633500	9863-3500	13
Inductive Square	KJ40-Q40KN-DNU	08317832500	9883-2500	13
Inductive Square	KJ40-Q40KN-DPU-V2	08317633265	9863-3265	13
Inductive Square	KJ40-Q40KN-DPU-V2	08317832265	9883-2265	13
Inductive Square	KJ40-Q40KN-DNU-V2	08317633565	9863-3565	13
Inductive Square	KJ40-Q40KN-DNU-V2	08317832565	9883-2565	13
Inductive Square	KJ40-Q50AB-DPS	08317070900	9807-0900	15
Inductive Square	KJ40-Q50AB-DNS	08317070100	9807-0100	15
Inductive Square	KJ40-Q50AB-DPS-V2	08317070965	9807-0965	15
Inductive Square	KJ40-Q50AB-DNS-V2	08317070165	9807-0165	15
Inductive Square	KJ40-Q80KB-DPA	08317651100	9865-1100	16
Inductive Square	KJ50-Q80KN-DPA	08317651000	9865-1000	16
Inductive Square	KJ70-Q100AN-DPS-F1	08316090100	9809-0100	17
Inductive Square	KJ70-Q100AN-DPS-V2-F1	08316090165	9809-0165	17
Inductive Square	KJ70-Q100AN-DNS-V2-F1	08316090365	9809-0365	17
Inductive Square	KJ70-Q100AN-DNS-F1	08316090300	9809-0300	17
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