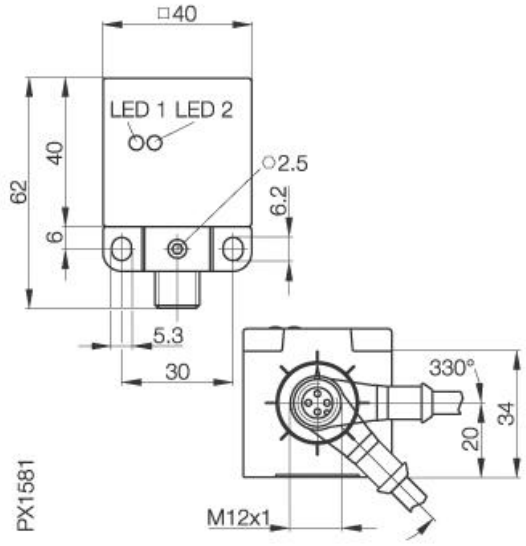


Inductive Sensors
BES Q40KFU-NAC25F-S04G
40 x 40 x 62
Complementary
Sn=25mm
unshielded

Common Data

Mounting in steel	unshielded
Rated operating distance Sn	25mm
Assured operating distance Sa	0...20mm
Repeatability R	= 5%
Hysteresis	= 15%
Power indication	yes
Function indication	yes
Ambient temperature range	-25...+70°C
Polution Degree	3
Time delay before availability	≤ 30ms

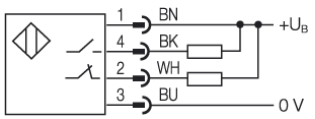
Mechanical Data

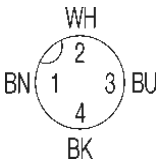
Measurements BxHxT or DxT	40 x 40 x 62mm
Housing material	PBT
Material of sensing face	PBT
Degree of protection	IP67IP
Connection	Connector S4 (M12)

Schock: Halfsinus, 30 gn, 11ms
Vibration: 55 Hz, 1mm Amplitude, 3 x 30 Minutes

Electrical Data

Current type	DC
Wiring	4-Wire
switching function	Complementary
Output signal	NPN
Rated opertional voltage	24 DCV
Rated opertional current	200mA
Supply voltage	10...30 DCV
Ripple	≤ 15%
max. switching frequency	50Hz
Minimum opertional current	0mA
No-load supply current	= 20/= 15mA
Off-state current	= 80µA
Voltage drop	= 2.5/-V
Short circuit protection	yes
Protected against polarity reversal	yes





Listed 81U2 IND.CONT.EQ
for use in the secondary of a class 2 source of supply

Utilization categories	DC 13
Insulation class	II

Datasheet number:

Definitions see general catalog.
If not otherwise noted, ratings according to
IEC 60947-5-2 (DIN EN60947-5-2)

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