

Incremental hollow shaft encoder BHK

BHK



assignment cable

for connection reference **-5**

05A (5 VDC complementary)

cable color	signals
brown	+Vs
green	CHA
red	CHA compl.
yellow	CHB
blue	CHB compl.
pink	CHN
grey	CHN compl.
white	0V
screen	connected to flange
cable data	8x 0,14 mm ² , max. ext. ø 5,7 mm

24K (10 - 30 VDC push-pull, short-circuit protection)

cable color	signals
brown	+Vs
green	CHA
yellow	CHB
pink	CHN
white	GND
screen	connected to flange
cable data	5x 0,14 mm ² , max. ext. ø 5,2 mm

assignment connector

for connection reference **-9**



05A (5 VDC complementary)

pin number	signals
1	0V
2	+Vs
3	CHA
4	CHB
5	CHN compl.
6	CHN
7	CHB compl.
8	CHA compl.

for connection reference **-9**



24K (10 - 30 VDC push-pull, short-circuit prot.)

pin number	signals
1	0V
2	+Vs
3	CHA
4	CHB
5	CHN

Note

When using the pre-assembled cable socket, please observe the operating instructions.

order designation

BHK 16. connection

5 cable 2 m radial
9 connector radial

shaft

B6 through shaft 6 mm
IP 42 with clamping ring
E6 through shaft 6 mm
IP 64 with clamping ring
M6 through shaft 6 mm
IP 64 with clamping ring and spring plate
B2 end shaft 12 mm IP 42
with clamping ring
I2 end shaft 12 mm IP 42
with clamping ring and spring plate

standard pulse range

10	100	500
20	120	1000
30	200	1024
50	250	2000
60	360	2048

other pulses on request

voltage range, output signals

05A 5 VDC complementary
24K 10 - 30 VDC push-pull, short-circuit protection

Incremental

accessories

connector (pre-assembled on one end),
for connection reference **-9**

for complementary	2 m	part nr. 123168	(ES62FB2)
05A	5 m	part nr. 123169	(ES62FB5)
for push-pull	2 m	part nr. 123166	(ES62CB2)
24K	5 m	part nr. 123167	(ES62CB5)
couplings		see page 4. 09 chapter accessories	