

H-Power Remote 4 + 4

is the bi-directional coupling system for 4 sensor signals and 4 actuator control signals.

This system inductively transmits signals in both directions.

Previously only the sensors could be supplied. The Remote Unit RHPT8 can now also be used with clamping units.

From the stationary side up to four signals can be transmitted, and four channels can be independently controlled.

Housing size	
Type	
Transmission distance	
Mounting	



Remote PNP	
Base PNP	
Assured transmission distance	
Supply voltage U_E incl. ripple	
Voltage drop U_d at I_e	
Rated operational current I_e	
No-load supply current I_0 max.	
Off-state current I_r	
Short circuit protected	
Contamination class	
Current draw per input	
Radial offset	
Operating current (for sensors + actuators)	
Output voltage (for sensors + actuators)	
Rated insulation voltage U_i	
Rated current (actuators)	
Ambient temperature range T_a	
Frequency of operating cycles f	
Function/power indicator	
Degree of protection per IEC 60529	
Housing material	
Material of sensing face	
Connection	
No. of wires × cross-section	

For your electrical planning,
please ask for the user's guide!

90×90×45 mm

Remote unit

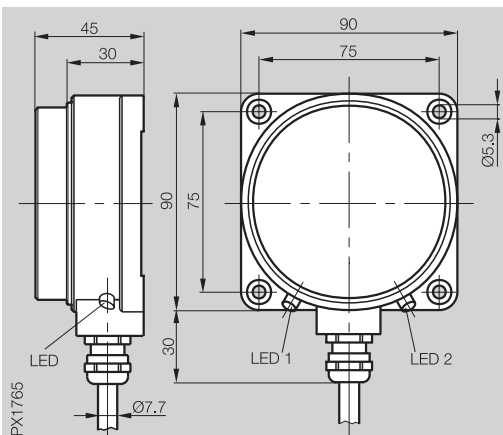
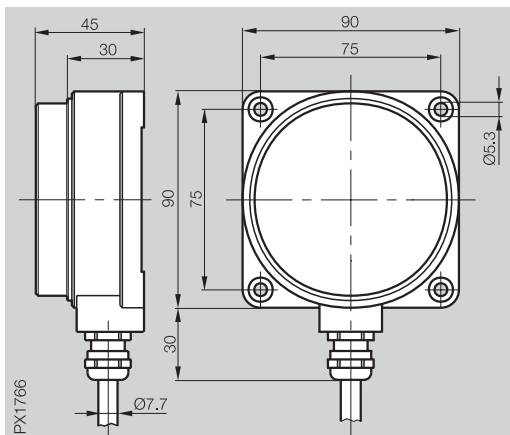
3...11 mm

non-flush

90×90×45 mm

Base unit

non-flush



RHPT8 8010P-C3-PU-05

4...9 mm

3

≤ ±7 mm
≤ 300 mA
24 ±1.5 V DC
75 V DC
≤ 50 mA per output

0...+50 °C
40 Hz

IP 67

AI
ABS/PBT

5 m cable, PUR
9×0.18 mm² + 2×0.5 mm²

RHPE8 8010P-C3-PU-05

24 V DC ±10 %
≤ 1.5 V
≤ 50 mA per output
≤ 800 mA
≤ 80 µA
yes
3
≤ 7 mA

≤ ±7 mm

0...+50 °C
40 Hz
yes/yes

IP 67

AI
ABS/PBT

5 m cable, PUR
9×0.18 mm² + 2×0.5 mm²

for connecting max. 4 sensors + 4 actuators

The Remote unit is attached on the moving side where the sensors and actuators are located.

The Base unit is connected on the stationary side to the supply voltage and the controller.

1.5

6

Holders ...
page 6.2 ...