

Fiber optic sensors Series 30

RS 655-666

Tw 1,5 m



PNP

light operate

dark operate

light/dark operate

RS 655-666

FZAM 30P5002

technical data

actual range Sb (through beam sensors)

distance Tw (diffuse sensors)

output indicator

alignment aid / soiled lens indicator

light source / wave length

voltage supply range

supply current

max. switching current

voltage drop

response time / release time

short circuit protection

reverse polarity protection

temperature range

housing material

protection class

0...1,5 m

excess gain curve Nr. 302

red LED

flashing LED

pulsed infrared LED / 880 nm

10 - 40 VDC

≤ 50 mA

400 mA

≤ 2,5 VDC

≤ 2,5 ms / ≤ 2,5 ms

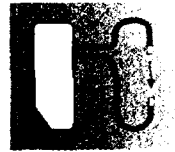
yes

yes

0...+65 °C

brass nickel plated

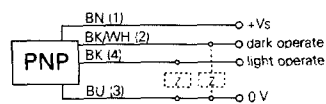
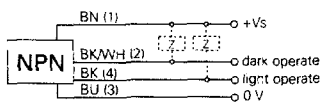
IP 65



Series 30

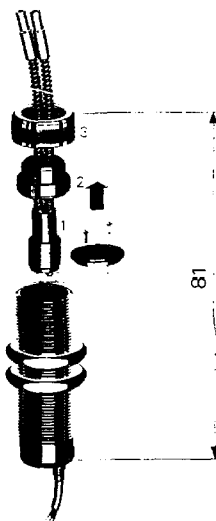
- Diffuse sensors may be combined with reflective and through beam fiber optics
- High speed version (250 μ s)
- Large distance and range
- Fully adjustable sensitivity
- Alignment aid / soiled lens indicator (flashing LED)

connection diagrams



output states

| | | | | |
|---------------|--|----------------------|--|----------------------|
| light operate | | PNP = HIGH NPN = LOW | | PNP = LOW NPN = HIGH |
| dark operate | | PNP = LOW NPN = HIGH | | PNP = HIGH NPN = LOW |



accessories

Please note that when using the 30 mm amplifiers the adapter and cap nut must be ordered separately.

| | |
|-----------------|-------------------------|
| 1 = fiber optic | see fiber optic section |
| 2 = adapter | part nr. 102757 |
| 3 = cap nut | part nr. 102801 |

