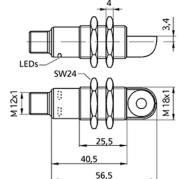
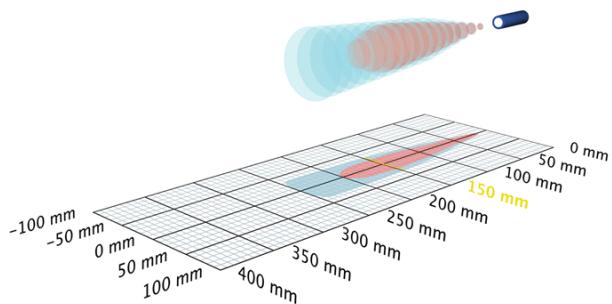


pico+15/WK/U

scale drawing



detection zone



1 x analogue 0-10 V



250 mm

operating range

25 - 250 mm

design

cylindrical M18

operating mode

analogue distance measurements

particularities

90°-Winkelkopf
schlankes Schallfeld

ultrasonic -specific

means of measurement echo propagation time measurement

transducer frequency 380 kHz

blind zone 25 mm

operating range 150 mm

maximum range 250 mm

resolution/sampling rate 0.069 mm

reproducibility ± 0.15 %

accuracy ± 1 % (temperature drift internally compensated)

electrical data

operating voltage U_B 15 V bis 30 V DC, verpolfest

voltage ripple ± 10 %

Leerlaufstromaufnahme ≤ 40 mA

type of connection 5-pin M12 initiator plug

pico+15/WK/U

outputs

| | |
|-----------------|--|
| output 1 | analogue output voltage: 0-10 V, short-circuit-proof switchable rising/falling |
|-----------------|--|

| | |
|----------------------|-------|
| response time | 32 ms |
|----------------------|-------|

| | |
|------------------------------------|----------|
| delay prior to availability | < 300 ms |
|------------------------------------|----------|

inputs

| | |
|----------------|--|
| input 1 | com input synchronisation input teach-in input |
|----------------|--|

housing

| | |
|-----------------|---|
| material | brass sleeve, nickel-plated, plastic parts, PBT |
|-----------------|---|

| | |
|------------------------------|--|
| ultrasonic transducer | Polyurethane foam, epoxy resin with glass contents |
|------------------------------|--|

| | |
|--|-------|
| class of protection to EN 60529 | IP 67 |
|--|-------|

| | |
|------------------------------|----------------|
| operating temperature | -25°C to +70°C |
|------------------------------|----------------|

| | |
|----------------------------|----------------|
| storage temperature | -40°C to +85°C |
|----------------------------|----------------|

| | |
|---------------|------|
| weight | 35 g |
|---------------|------|

| | |
|-------------------------|------------------|
| further versions | 90° angular head |
|-------------------------|------------------|

| | |
|-------------------------|------------------------------|
| further versions | pico+15/WK/F |
|-------------------------|------------------------------|

technical features/characteristics

| | |
|---------------------------------|-----|
| temperature compensation | yes |
|---------------------------------|-----|

| | |
|-----------------|-----------|
| controls | com input |
|-----------------|-----------|

| | |
|---------------------------|---|
| scope for settings | Teach-in via com input on pin 5 LCA-2 with LinkControl |
|---------------------------|---|

| | |
|------------------------|-----|
| Synchronisation | yes |
|------------------------|-----|

| | |
|------------------|-----|
| multiplex | yes |
|------------------|-----|

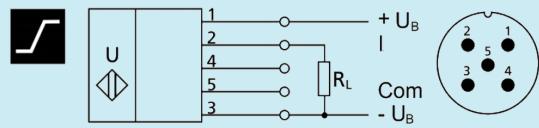
| | |
|-------------------|---|
| indicators | 1 x LED green: working, 1 x LED yellow: switch status |
|-------------------|---|

| | |
|------------------------|--|
| particularities | 90°-Winkelkopf schlankes Schallfeld |
|------------------------|--|

pico+15/WK/U

[documentation \(download\)](#)

pin assignment



order no.

pico+15/WK/U