

Receiver (32m) AC-DC Relay Output Universal Photo Electric with Adjustments



**PXR (32m) range Cubic Housing
Long range Receiver**

Infrared beam 880nm

3A relay output

Universal 4 wire 20-253 AC/DC

Timer functions: delays-off/on & one shot

LED indicators

M12 connector and integrated cable

IP64 protection degree

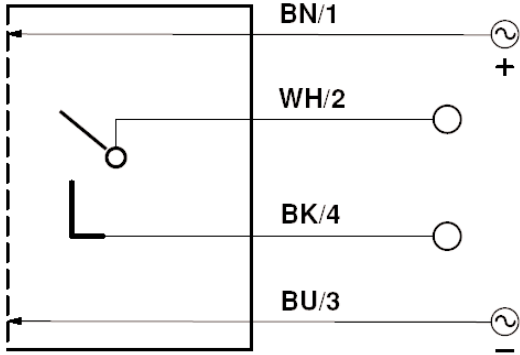
Easy installation - precise long range beam

Parts Matrix

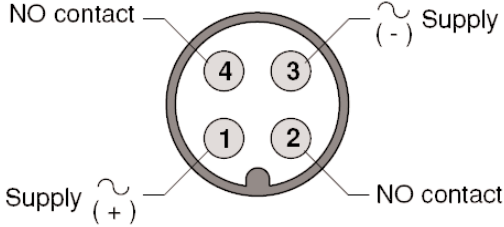
photo electric sensor series	P	P
receiver without timers	RE	RE
receiver with timers	RA	RA
32m maximum range	032	032
rectangular body with slide	F	F
rectangular body without slide	W	W
polycarbonate housing material	C	C
ac-dc relay output	R	R
straight-axial optics (only option)	T	T
normally open - normally closed selectable	3	3
M12 K2 4 Pin 12mm connector	K2	K2

PARTS INDEX	SPECIFICATIONS
PRE032FCR3TK2	WITHOUT TIMERS WITH SLIDE
PRE032WCR3TK2	WITHOUT TIMERS WITHOUT SLIDE
PRA032FCR3TK2	WITH TIMERS WITH SLIDE
PRA032WCR3TK2	WITH TIMERS WITHOUT SLIDE

WIRING DIAGRAM

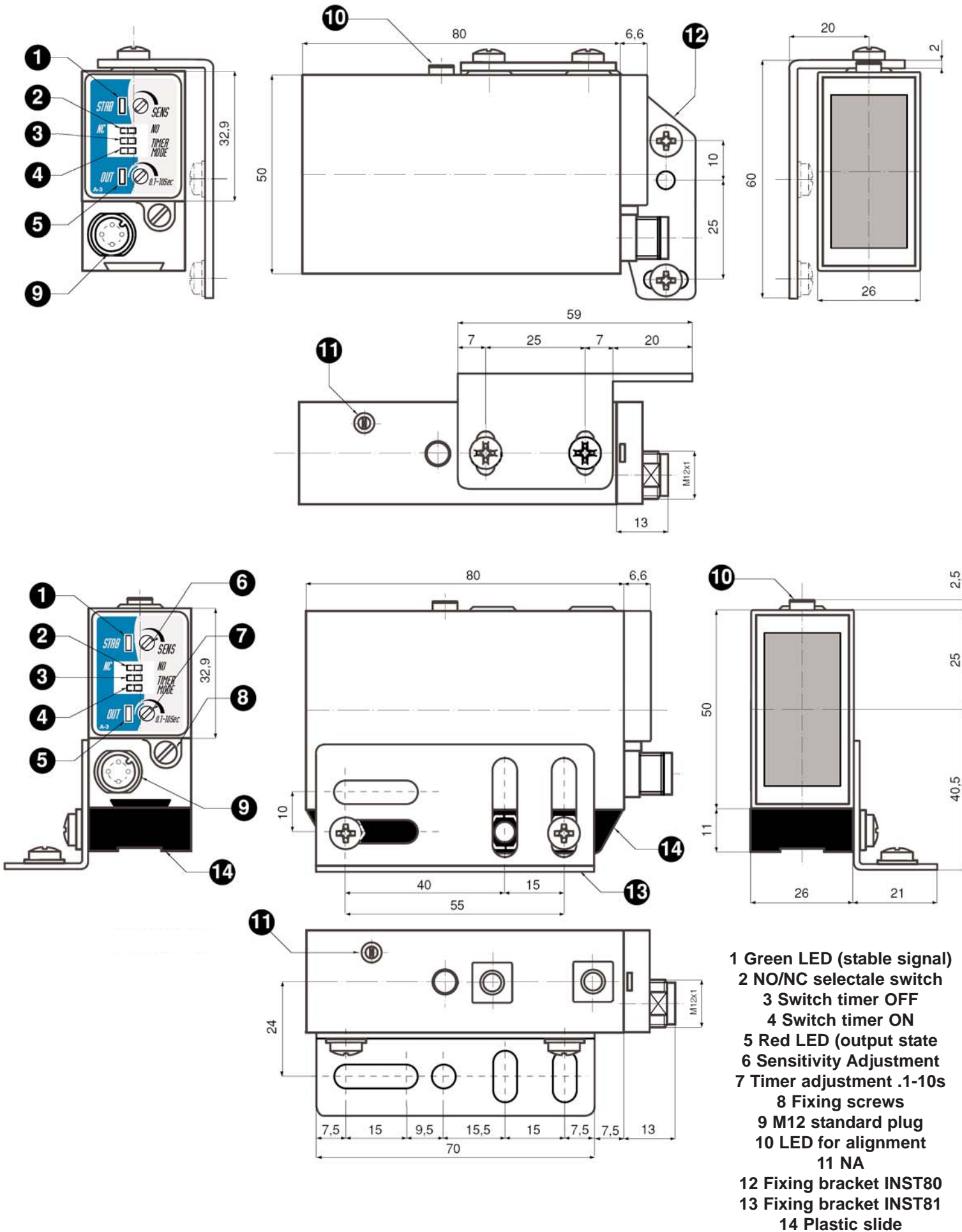


K2 PIN CONFIGURATION



TECHNICAL SPECIFICATIONS

Nominal Sensing Distance Sn	32m
Emission	infrared 880nm
Differential Travel	2-10%
Tolerance	EG>2 at Sr
Operating Voltage U_b	20-253 Vac/20-60Vdc
Ripple U_{pp}	-
No-load Supply	<25mArms
Load Current Max	3A-25Vac/3A-30Vdc
Repeat Accuracy	5%
Output Type	relay type
Response Time	>2ms
Switching Frequency	25Hz
Time Delay before availability	100ms
Supply Electrical Protections	transient (ac) - over voltage (dc)
Output Electrical Protections	-
Ambient Temperature T_a	-25--+70C
Tempearture Drift	+/- 10% SR
Protection Degree (DIN 40 050)	IEC IP64
LED Indicators	green (supply) red (distance 2x)
Housing Material	polycarbonate (glass fiber reinforced)
Lenses Material	PMMA 7N



- 1 Green LED (stable signal)
- 2 NO/NC selectale switch
- 3 Switch timer OFF
- 4 Switch timer ON
- 5 Red LED (output state
- 6 Sensitivity Adjustment
- 7 Timer adjustment .1-10s
- 8 Fixing screws
- 9 M12 standard plug
- 10 LED for alignment
- 11 NA
- 12 Fixing bracket INST80
- 13 Fixing bracket INST81
- 14 Plastic slide