

PSC-T40L /PSC-T40G /PSC-T40F Pyrometer Series

Self Contained, 2 Wire Infrared Temperature Sensors



- Digital 2-wire loop powered, self contained Pyrometer
- For use with a wide array of applications
- Selection of temperature ranges from -40°C to 2500°C
- Integrated USB interface for sensor parameter settings
- Built-in peak picker
- Robust stainless steel housing

The Innovative design of Process Sensors Models: PSC-T40L, PSC-T40G and PSC-T40F with digital technology, are compact, rugged and based on simplicity of installation.

Used in a 2 wire loop powered configuration the sensor's 4-20 mA linear output signal can be easily integrated into existing instrumentation for recording and process control.

The rugged stainless steel housing and companion protective stainless steel, water cooling jacket with air purge ensures reliable operation in harsh industrial environments.

Software is provided for IR sensor adjustments, temperature measuring and data acquisition evaluation.

Typical applications:

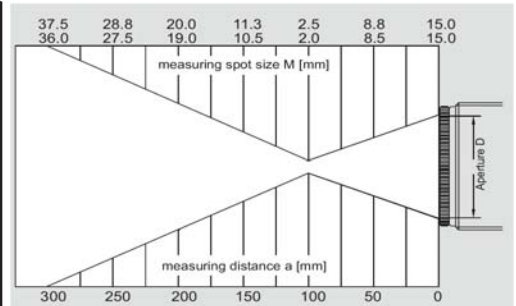
- Glass and ceramics
- Ovens and dryers
- Thermoforming
- Aggregate, powders and organics
- Paper, packaging and food
- Textiles, rubber and plastics
>100 mils
- Furnace applications

The PSC-T40 pyrometer series with fixed focus optics offers fast response times, small spot sizes and a choice of wavelengths for a variety of applications.

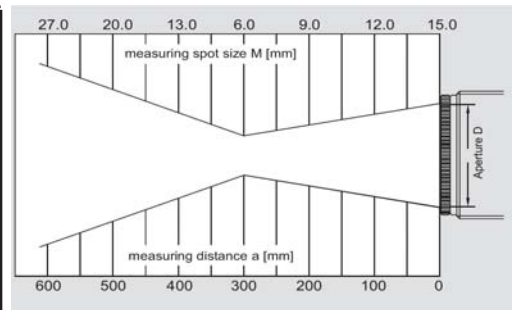
TECHNICAL SPECIFICATIONS FOR PSC-T40L / PSC-T40G / PSC-T40F

TYPE	PSC-T40L	PSC-T40G	PSC-T40G	PSC-T40F
Technical Data				
Temperature range	-40 to 1000°C	100 to 1200°C	200 to 1400°C	300 to 1300°C 400 to 1400°C 500 to 2500°C
Sub temperature range	adjustable within overall temperature range, minimum span 51°C			
Spectral range	8 μm to 14 μm	5.14 μm	5.14 μm	3.9 μm
Optics (refer to table)	several fixed optics (tyupe V, VI,VII and VIII), aperature diameter 0.64" (16mm)			
Distance ratio	> 50:1			
Measurement uncertainty	1.0% of measurement value 1K (T _U =23°C, ε =1,t95 =1s)			
Reproducibility	0.5% of measurement value (T _U =23°C, ε =1,t95 =1s)			
Response time (t95)	< 60ms, adjustable up to 100s			
Emissivity	adjustable, 0.20 to 1.00			
Peak Picker	maximum value storage, adjustable via interface			
Output	4...20 mA, temperature linear, max. burden: 700Ω at 24V			
Interface	galvanically isolated USB interface			
Software	PSC Spot for Windows®			
Aiming	Laser aiming light (accessory)			
Parameters	adjustable via interface and software (emissivity, response time, temperature unit °C or °F, storage, sub range)			
Power supply	24V DC ± 25%			
Power consumption	max 0.6 W			
Operating temperature	0°C to 70°C			
Storage temperature	-20°C to 70°C			
Weight	approx 395 g			
Dimensions	thread M40 X 1.5, length 140mm			
Housing	stainless steel with plug connector			
Safety class	IP 65 (DIN 40 050)			
CE-Symbol	according to EU regulations (EN 50 011)			
Scope of delivery	PSC-T40x, manual, inspection sheets, PSC Spot for Windows ® (without connecting cable, please order separately)			
Accessories, mechanical, electrical and optical				
Connecting cable 3-pin	Length 2m, 5m, 10m, 15m, 20m, 25m or 30m / Feet 6.5', 16', 33', 49', 65', 82', 98'			
USB-connecting cable	Length 1.8m, screened			
Power supply	24V DC/0.6A			
Mounting angle	fixed or adjustable			
Ball and socket mounting	stainless steel, adjustable			
Air purge unit	stainless steel, air pressure 0.2 bis 1.0 bar, oil free			
Water cooling jacket	with integrated air purge and mounting angle			
Vacuum flange	KF 16, with Quartz CaF ₂ -, or ZnSe window			
Laser aiming light	adapter (battery operated)			

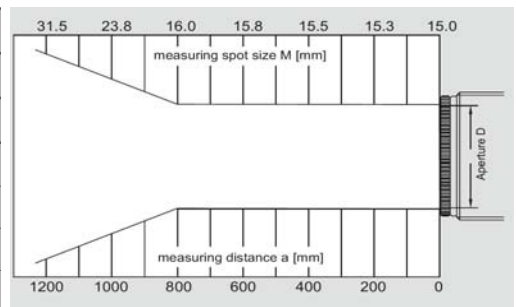
Optics 100 (focussed at a = 100mm measuring distance)							
Measuring distance a in mm	0	50	100	150	200	250	300
Measuring field diameter M in mm							
PSC-T40L (-40°C to 1000°C)	15	8.5	2.0	10.5	19.0	27.5	36.0
PSC-T40G (100°C to 1200°C)	15	8.8	2.5	11.3	20.0	28.8	37.5
PSC-T40G (200°C to 1400°C)	15	8.8	2.5	11.3	20.0	28.8	37.5
PSC-T40F (300°C to 1300°C) (400°C to 1400°C) (500°C to 2500°C)	15	8.8	2.5	11.3	20.0	28.8	37.5



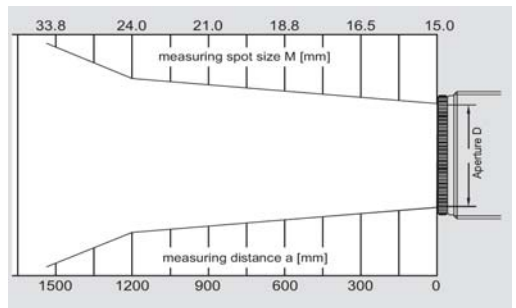
Optics 300 (focussed at a = 300mm measuring distance)							
Measuring distance a in mm	0	100	200	300	400	500	600
Measuring field diameter M in mm							
PSC-T40L (-40°C to 1000°C)	15	12.0	9.0	6.0	13.0	20.0	27.0
PSC-T40G (100°C to 1200°C)	15	12.0	9.0	6.0	13.0	20.0	27.0
PSC-T40G (200°C to 1400°C)	15	12.0	9.0	6.0	13.0	20.0	27.0
PSC-T40F (300°C to 1300°C) (400°C to 1400°C) (500°C to 2500°C)	15	12.0	9.0	6.0	13.0	20.0	27.0



Optics 800 (focussed at a = 800mm measuring distance)							
Measuring distance a in mm	0	200	400	600	800	1000	1200
Measuring field diameter M in mm							
PSC-T40L (-40°C to 1000°C)	15	15.3	15.5	15.8	16.0	23.8	31.5
PSC-T40G (100°C to 1200°C)	15	15.3	15.5	15.8	16.0	23.8	31.5
PSC-T40G (200°C to 1400°C)	15	15.3	15.5	15.8	16.0	23.8	31.5
PSC-T40F (300°C to 1300°C) (400°C to 1400°C) (500°C to 2500°C)	15	15.3	15.5	15.8	16.0	23.8	31.5

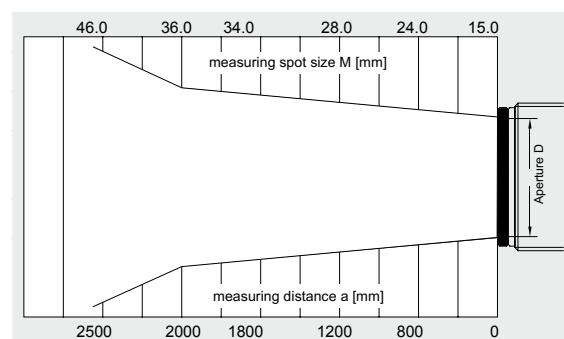


Optics 1200 (focussed at a = 1200mm measuring distance)							
Measuring distance a in mm	0	100	300	600	900	1200	1500
Measuring field diameter M in mm							
PSC-T40G (100°C to 1200°C)	15	15.0	16.5	18.8	21.0	24.0	33.8
PSC-T40G (200°C to 1400°C)	15	15.0	16.5	18.8	21.0	24.0	33.8



Optics 2000 (focussed at a = 2000 mm measuring distance)							
Measuring distance a [mm]	0	800	1200	1800	2000	2500	3000
Measuring range	Measuring field diameter M [mm]						
PSC-T40L(-40°C to 1000 °C) without LED aiming light	15.0	24.0	28.0	34.0	36.0	46.0	57.0

¹ With attachment lens tubus. Aperture D = 13 mm.
² Measuring field diameter without LED aiming light.



PSC-S40N / PSC-G40N Pyrometer Series

Self-Contained, 2 Wire Infrared Temperature Sensors



- Bright green LED or laser aiming (4 wire operation)
- Selection of temperature ranges from 250°C to 2500°C
- Integrated USB interface for sensor parameter settings
- Built-in peak picker
- Robust stainless steel housing
- USB or 24 VDC loop powered
- Graphical temperature measurement software (optional)

The innovative Process Sensors Models PSC-S40N and PSC-G40N with digital technology are compact, rugged and designed for simplicity of installation.

Used in a 2-wire loop powered configuration, the sensor's 4-20 mA linear output signal can be easily integrated into existing instrumentation for recording and process control.

The rugged stainless steel housing with protective window and cooling jacket with air purge ensures reliable operation in harsh environments.

Models PSC-S40N and PSC-G40N are suitable for mid to high temperature measurements from 250°C, with fast response time of 10 milliseconds.

The 40 Series sensors are ideal instruments for system integrators, machine builders (OEMs), and engineering construction companies.

Typical applications:

- Steel industry
- Furnace
- Welding
- Semiconductor
- Solar
- Ceramic industry
- Metal heat treating
- Induction heating
- Rotary kilns
- Sintering

The integrated green LED or LASER facilitates accurate focusing and target alignment. The projected size of the LED is identical to the measuring spot.

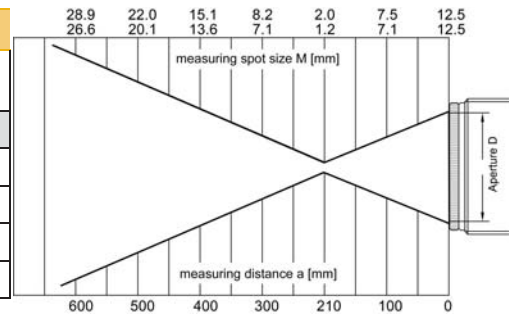
Equipped with USB interface, adjustment of all sensor parameters can be accessed via a PC, such as emissivity, response time, temperature sub range, peak picker, etc.

Software is provided for IR sensor adjustments temperature measuring and data acquisition evaluation.

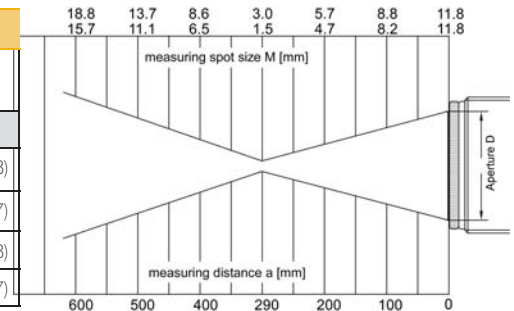
TECHNICAL SPECIFICATIONS FOR PSC-S40N / PSC-G40N

TECHNICAL DATA				
Type	PSC-S40N			PSC-G40N
Temperature range	600 °C to 1800 °C	800 °C to 2500 °C	250 °C to 1300 °C	350 °C to 1800 °C
Sub temperature range	Adjustable within temperature range, minimum span 51 °C			
Spectral range	0.8 µm to 1.1 µm		1.5 µm to 1.8 µm	
Optics (refer tables)	Several fixed optics (type I, II, III and IV)			
Distance ratio	> 100 : 1			
Measurement uncertainty	0.5 % of meas. value ($T_U = 23\text{ °C}$, $E = 1$, $t_{95} = 1\text{ s}$)			
Reproducibility	0.1 % of meas. value ($T_U = 23\text{ °C}$, $E = 1$, $t_{95} = 1\text{ s}$)			
Response time (t95)	< 10 ms, adjustable up to 10 s			
Emissivity	Adjustable, 0.05 to 1.00			
Storage	Maximum value storage, adjustable via interface			
Output	4...20 mA, linear, max. load: 700 Ω at 24 V			
Interface	Galvanically isolated USB interface			
Software	PSC Spot for Windows®			
Aiming	Green LED or LASER aiming			
Parameters	Adjustable via software (emissivity, response time, temperature unit °C or °F, storage, sub range) with use of communications cable			
Power supply	24 VDC ± 25 % and 5 V to 30 VDC (LED/laser)			
Power consumption	Max. 0.6 W (without LED/laser)			
Operating temperature	0 °C to 70 °C			
Storage temperature	-20 °C to 70 °C			
Weight	approx. 16.05 oz. (455 g)			
Dimensions	Thread M40 × 1.5, length 5.51 inches (140 mm)			
Housing	Stainless steel with plug connector and protection window			
Safety class	IP 65 (DIN 40 050)			
CE-Symbol	According to EU regulations (EN 50 011)			
Scope of delivery	PSC PSC-S40N or PSC-G40N, manual, inspection sheet, PSC Spot for Windows® (without connecting cable, please order separately)			
Accessories, mechanical, electrical and optical				
Connecting cable 3-pin	Length Feet 6.5', 16', 33', 49', 65', 82', 98' (2 m, 5 m, 10 m, 15 m, 20 m, 25 m or 30 m)			
USB-connecting cable	Length 5.91 feet (1.8 m) screened			
Power supply	24 VDC, 0.6 A			
Mounting angle bracket	Fixed or adjustable			
Ball and socket mounting	Stainless steel, adjustable			
Air purge unit	Stainless steel, air pressure 0.2 to 1.0 bar, oil free			
Water cooling jacket	With integrated air purge and mounting angle			
Vacuum flange	KF 16, with quartz glass			
Protection window	Quartz glass or sapphire glass			

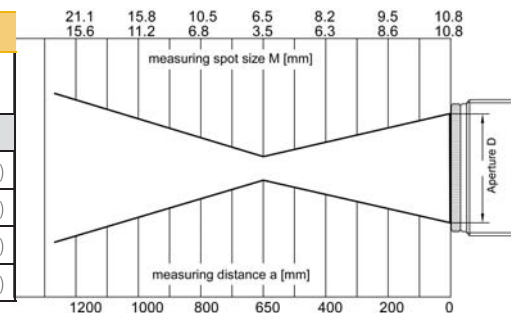
Optics 210 (focussed at a = 210mm measuring distance)							
Measuring distance a in inches (mm)	0	4 (100)	8.26 (210)	12 (300)	15.7 (400)	19.6 (500)	23.6 (600)
Measuring field diameter M in mm							
PSC-S40N (600°C to 1800°C)	0.5 (12.5)	0.3 (7.5)	0.08 (2.0)	0.33 (8.2)	0.6 (15.1)	0.88 (22.0)	1.56 (28.9)
PSC-S40N (800°C to 2500°C)	0.5 (12.5)	0.28 (7.1)	0.48 (1.2)	0.28 (7.1)	0.54 (13.6)	0.8 (20.1)	1.06 (26.6)
PSC-G40N (250°C to 1300°C)	0.5 (12.5)	0.3 (7.5)	0.08 (2.0)	0.33 (8.2)	0.6 (15.1)	0.88 (22.0)	1.56 (28.9)
PSC-G40N (350°C to 1800°C)	0.5 (12.5)	0.28 (7.1)	0.48 (1.2)	0.28 (7.1)	0.54 (13.6)	0.8 (20.1)	1.06 (26.6)



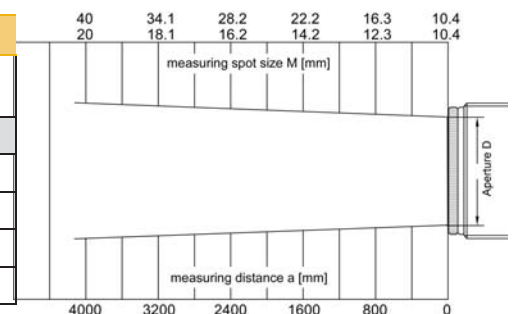
Optics 290 (focussed at a = 290mm measuring distance)							
Measuring distance a in inches (mm)	0	4 (100)	7.9 (200)	11.6 (290)	15.7 (400)	19.6 (500)	23.6 (600)
Measuring field diameter M in mm							
PSC-S40N (600°C to 1800°C)	0.47 (11.8)	0.35 (8.8)	0.23 (5.7)	0.12 (3.0)	0.34 (8.6)	0.55 (13.7)	0.75 (18.8)
PSC-S40N (800°C to 2500°C)	0.47 (11.8)	0.33 (8.2)	0.19 (4.7)	0.60 (1.5)	0.26 (6.5)	0.44 (11.1)	0.63 (15.7)
PSC-G40N (250°C to 1300°C)	0.47 (11.8)	0.35 (8.8)	0.23 (5.7)	0.12 (3.0)	0.34 (8.6)	0.55 (13.7)	0.75 (18.8)
PSC-G40N (350°C to 1800°C)	0.47 (11.8)	0.33 (8.2)	0.19 (4.7)	0.60 (1.5)	0.26 (6.5)	0.44 (11.1)	0.63 (15.7)



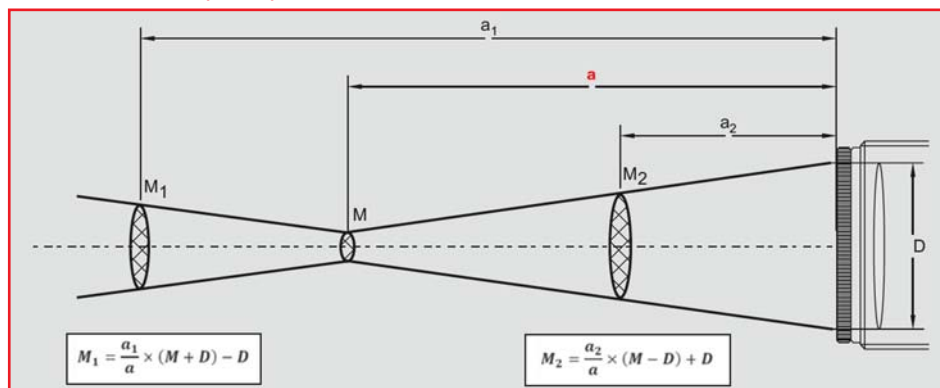
Optics 650 (focussed at a = 650mm measuring distance)							
Measuring distance a in inches (mm)	0	7.9 (200)	15.7 (400)	25.59 (650)	32 (800)	40 (1000)	48 (1200)
Measuring field diameter M in mm							
PSC-S40N (600°C to 1800°C)	0.43 (10.8)	0.38 (9.5)	0.33 (8.2)	0.26 (6.5)	0.42 (10.5)	0.63 (15.8)	0.84 (21.1)
PSC-S40N (800°C to 2500°C)	0.43 (10.8)	0.34 (8.6)	0.25 (6.3)	0.14 (3.5)	0.27 (6.8)	0.45 (11.2)	0.62 (15.6)
PSC-G40N (250°C to 1300°C)	0.43 (10.8)	0.38 (9.5)	0.33 (8.2)	0.26 (6.5)	0.42 (10.5)	0.63 (15.8)	0.84 (21.1)
PSC-G40N (350°C to 1800°C)	0.43 (10.8)	0.34 (8.6)	0.25 (6.3)	0.14 (3.5)	0.27 (6.8)	0.45 (11.2)	0.62 (15.6)



Optics 4000 (focussed at a = 4000mm measuring distance)							
Measuring distance a in inches (mm)	0	15.7 (400)	32 (800)	64 (1600)	96 (2400)	128 (3200)	160 (4000)
Measuring field diameter M in mm							
PSC-S40N (600°C to 1800°C)	0.41 (10.4)	0.54 (13.4)	0.65 (16.3)	0.89 (22.2)	1.13 (28.2)	1.36 (34.1)	1.6 (40)
PSC-S40N (800°C to 2500°C)	0.41 (10.4)	0.56 (14.1)	0.49 (12.3)	0.57 (14.2)	0.65 (16.2)	0.72 (18.1)	0.8 (20)
PSC-G40N (250°C to 1300°C)	0.41 (10.4)	0.54 (13.4)	0.65 (16.3)	0.89 (22.2)	1.13 (28.2)	1.36 (34.1)	1.6 (40)
PSC-G40N (350°C to 1800°C)	0.41 (10.4)	0.56 (14.1)	0.49 (12.3)	0.57 (14.2)	0.65 (16.2)	0.72 (18.1)	0.8 (20)

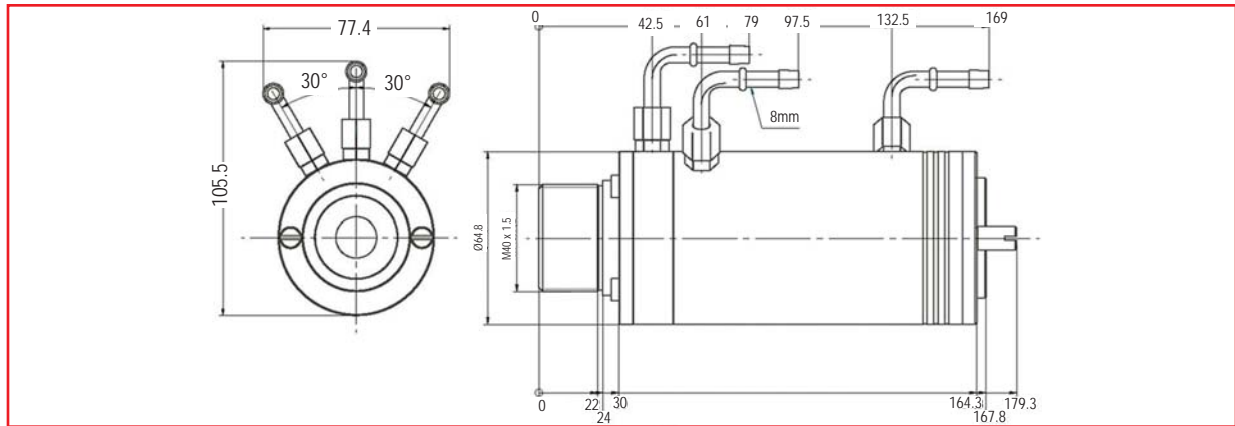


Field of view (FOV) calculations

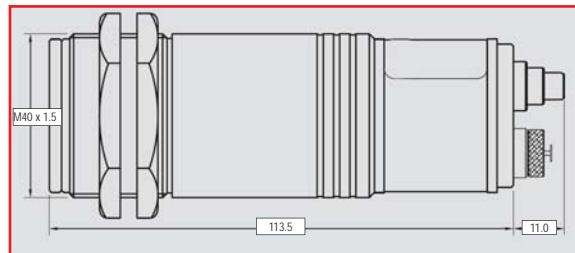


Dimensions in MM

Cooling Jacket & Air Purge



Pyrometer



Accessories

Adjustable mounting bracket
PN# PSC-3310A21011



Cooling jacket with air purge
PN# PSC-3310A23010



Air purge unit
PN# PSC-3310A22010



Digital Display
PN# PSC-TIC500



Power supply 24 VDC (din rail)
PN# PSC-950-004



PSC-SF40N / PSC-GF40N Pyrometer Series

Non-contact infrared fiber optic temperature sensors



- Digital 2-wire loop powered, self contained Pyrometer
- Laser or LED Aiming (using 4-wire)
- Selection of temperature ranges from 250°C to 2500°C
- Integrated USB interface for sensor parameter settings
- Built-in peak picker
- Robust stainless steel housing

The Innovative design of Process Sensors Models PSC-SF40N and PSC-GF40N with digital technology are compact, rugged and based on simplicity of installation.

Used in a 2 wire loop powered configuration the sensor's 4-20 mA linear output signal can be easily integrated into existing instrumentation for recording and process control.

The rugged stainless steel housing, sheathed fiber optic cable and focusable lens with protective window ensure reliable operation in harsh industrial environments.

An integrated Laser or LED facilitates accurate focusing and target alignment. The projected size of the red LED is identical to the measuring spot and can be as small as 0.7mm diameter.

Models PSC-SF40N and PSC-GF40N are suitable for mid to high temperature measurements from 250°C with fast response times of 10 milliseconds.

Equipped with USB interface, adjustment of all sensor parameters can be accessed via a PC, such as

emissivity, response time, temperature sub range, peak picker etc.

Software is provided for IR sensor adjustments, temperature measuring and data acquisition evaluation.

Benefits of fiber optic models:

- Used in high ambient environments without cooling
- Immune to RF / EMI influence
- Small and Flexible
- Can be installed in a vacuum

Typical application areas:

- Steel and metal industries
- Induction / Laser heating
- Semiconductor
- Vacuum
- Welding
- Furnace
- Metal molds

TECHNICAL SPECIFICATIONS FOR PSC-SF40N/PSC-GF40N

TYPE	PSC-SF40N	PSC-GF40N
Technical Data		
Temperature range	600°C to 1800°C 800°C to 2500°C	250°C to 1300°C 350°C to 1800°C
Sub temperature range	adjustable with temperature range, minimum span 50°C	
Spectral range	0.8 μm to 1.1 μm	1.5 μm to 1.8 μm
Optics (refer to table)	optical head FOH II, FOH III, aperture diameter 9mm	
Spot size ratio	100:1 200:1	100:1 200:1
Measurement uncertainty	0.5% of measurement value ($T_U = 23^\circ\text{C}$, $\varepsilon = 1$, $t_{95} = 1\text{s}$)	
Repeatability	0.1% of measurement value ($T_U = 23^\circ\text{C}$, $\varepsilon = 1$, $t_{95} = 1\text{s}$)	
Response time (t_{95})	< 10ms, adjustable up to 10s	
Emissivity	adjustable, 0.05 to 1.00	
Storage	maximum value storage, adjustable via interface	
Output	4...20 mA, temperature linear, max. burden: 700Ω at 24V	
Interface	galvanically isolated USB interface	
Software	PSC SPOT	
Aiming	Laser or red LED light	
Parameters	adjustable via interface and software (emissivity, response time, temperature unit °C or °F, storage, sub range)	
Power supply	24v dc ± 25% and 5V to 30v dc (aiming light)	
Power consumption	max 0.6 W (without LED aiming light)	
Operating temperature	0°C to 70°C	
Storage temperature	-20°C to 70°C	
Weight	approx 455 g	
Dimensions	thread M40 X 1.5, length 140mm	
Housing	stainless steel with plug connector and protection window	
Safety class	IP 65 (DIN 40 050)	
CE-Symbol	according to EU regulations (EN 50 011)	
Scope of delivery	PSC-SF40N OR PSC-GF40N, manual, inspection sheets, PSC SPOT software (without connecting cable, fiber optic cable and optical head, please order separately)	
Accessories, mechanical, electrical and optical		
Connecting cable 5-pin	Length 2m, 5m, 10m, 15m, 20m, 25m or 30m	
USB-connecting cable	Length 1.8m, screened	
Fiber cable	Length 1.5m, 2m, 2.5m, 5m, 7.5m, 10m, 15m, over 20m, stainless steel clad	
Power supply	24V DC/0.6A	
Mounting angle	fixed or adjustable, available for series 40 and FOH II	
Ball and socket mounting	stainless steel, adjustable, available for series 40 and FOH II	
Air purge unit for FOH II, FOH III	stainless steel, air pressure 0.1 bis 0.5 bar, oil free	
Mirror for FOH II, FOH III	stainless steel, 90°	
Protection window FOH II, FOH III	Quartz glass or sapphire glass	
Laser rejection filter	940 nm, 1065 nm or on request	

Fiber optic lens types FOH I & FOH II

Variable Focus Optics FOH I-100 (focus from 3.94" – 39.37")

Measuring Distance inches (mm)	0 (0)	3.94 (100)	5.12 (130)	6.50 (165)	8.86 (225)	11.81 (300)	19.69 (500)	27.56 (700)	39.37 (1000)
Optics length	–	1.47 (37.3)	1.40 (35.5)	1.36 (34.5)	1.32 (33.5)	1.29 (32.8)	1.26 (32.1)	1.25 (31.8)	1.24 (31.5)
Measuring spot size M in inches (mm)									
PSC-SF40N (600°C to 1800°C)	0.24 (6)	0.07 (1.8)	0.07 (2.2)	0.11 (2.8)	0.16 (4.0)	0.22 (5.5)	0.35 (9.0)	0.51 (13)	0.71 (18.0)
PSC-SF40N (800°C to 2500°C)	0.24 (6)	0.04 (0.9)	0.04 (1.1)	0.06 (1.4)	0.08 (2.0)	0.11 (2.7)	0.18 (4.5)	0.26 (6.5)	0.35 (9.0)
PSC-GF40N (250°C to 1300°C)	0.24 (6)	0.07 (1.8)	0.07 (2.2)	0.11 (2.8)	0.16 (4.0)	0.22 (5.5)	0.35 (9.0)	0.51 (13)	0.71 (18.0)
PSC-GF40N (350°C to 1800°C)	0.24 (6)	0.04 (0.9)	0.04 (1.1)	0.06 (1.4)	0.08 (2.0)	0.11 (2.7)	0.18 (4.5)	0.26 (6.5)	0.35 (9.0)

Variable Focus Optics FOH II-65 (focus from 2.56" – 11.81")

Measuring distance (a) in inches (mm)	0 (0)	2.56 (65)	3.35 (85)	4.33 (110)	5.91 (150)	7.87 (200)	9.45 (240)	11.81 (300)
Measuring spot size M in mm								
PSC-SF40N (600°C to 1800°C)	0.36 (9)	0.05 (1.2)	0.06 (1.6)	0.08 (2.0)	0.10 (2.7)	0.13 (3.4)	0.16 (4.0)	0.19 (4.8)
PSC-SF40N (800°C to 2500°C)	0.36 (9)	0.03 (0.7)	0.04 (0.9)	0.04 (1.0)	0.05 (1.3)	0.07 (1.7)	0.08 (2.0)	0.09 (2.4)
PSC-GF40N (250°C to 1300°C)	0.36 (9)	0.05 (1.2)	0.06 (1.6)	0.08 (2.0)	0.10 (2.7)	0.13 (3.4)	0.16 (4.0)	0.19 (4.8)
PSC-GF40N (350°C to 1800°C)	0.36 (9)	0.03 (0.7)	0.04 (0.9)	0.04 (1.0)	0.05 (1.3)	0.07 (1.7)	0.08 (2.0)	0.09 (2.4)

Variable Focus Optics FOH II-250 (focus from 9.84" – 98.43")

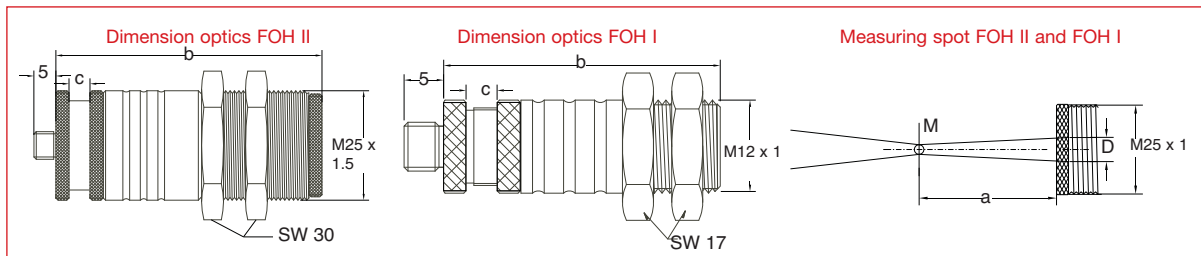
Measuring Distance (a) inches (mm)	0 (0)	9.84 (250)	11.81 (300)	15.75 (400)	23.62 (600)	31.50 (800)	39.37 (1000)	59.06 (1500)	78.74 (2000)	98.43 (2500)
Measuring spot size M in mm										
PSC-SF40N (600°C to 1800°C)	0.36 (9)	0.12 (3.0)	0.15 (3.7)	0.20 (5.0)	0.28 (7.2)	0.36 (9.2)	0.47 (12)	0.71 (18)	0.94 (24)	1.22 (31)
PSC-SF40N (800°C to 2500°C)	0.36 (9)	0.07 (1.7)	0.08 (2.1)	0.11 (2.7)	0.17 (4.4)	0.22 (5.5)	0.27 (6.8)	0.39 (10)	0.51 (13)	0.67 (17)
PSC-GF40N (250°C to 1300°C)	0.36 (9)	0.12 (3.0)	0.15 (3.7)	0.02 (5.0)	0.17 (7.2)	0.36 (9.2)	0.47 (12)	0.71 (18)	0.94 (24)	1.22 (31)
PSC-GF40N (350°C to 1800°C)	0.36 (9)	0.07 (1.7)	0.08 (2.1)	0.11 (2.7)	0.55 (4.4)	0.2 (5.5)	0.27 (6.8)	0.39 (10)	0.51 (13)	0.67 (17)

Fiber optic cables

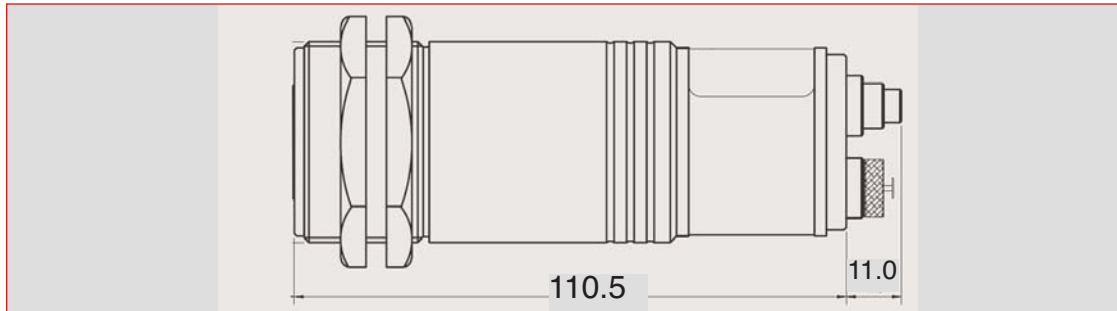
Measuring range	Core diameter in μm	Sheath
PSC-SF40N (600°C to 1800°C)	400	stainless steel
PSC-SF40N (800°C to 2500°C)	200	stainless steel
PSC-GF40N (250°C to 1300°C)	400	stainless steel
PSC-GF40N (350°C to 1800°C)	200	stainless steel

Dimensions

Field of view (for) calculations



Dimensions Pyrometer



Accessories

Mounting angle, adjustable, series 40



Mounting angle, adjustable, for FOH II and FOH III



Mirror 90° for FOH II and FOH III



Air purge unit for FOH II and FOH III



Digital Display



Power supply



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