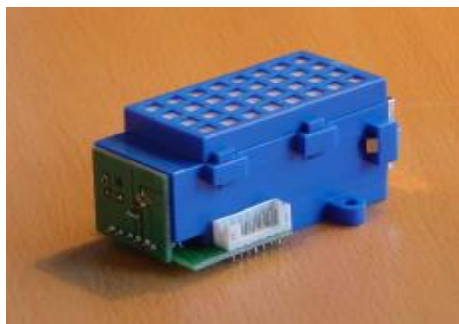


Smart Gas Sensor PYM 151 / PYM 152

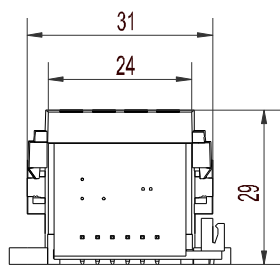
Sensor Modules for Natural Gas Detection



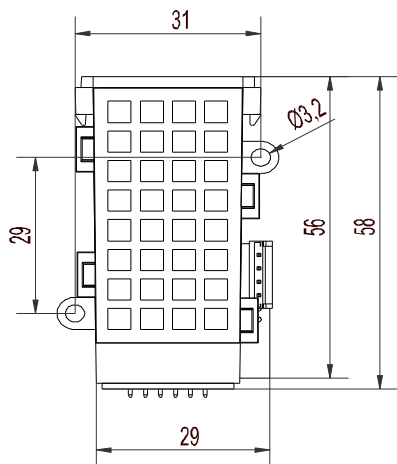
Meets EN 50 194 Requirements
Unique NDIR Sensor Module
Digital Output
Factory-calibrated

New!

The **Smart Gas Sensor** is PerkinElmer's response to OEM requirements for gas alarm sensors with long term stability. By use of the NDIR principle with a robust IR source and a highly reliable pyroelectric detector, this sensor offers a digital alarm output, self monitor and diagnosis feature. It is supplied fully tested and calibrated for a minimum of 4 year long term operation. The **PYM 151** provides one output with series signal transmission, whereas **PYM 152** provides 4 discrete digital output signals.



Dimensions in mm
Patent pending

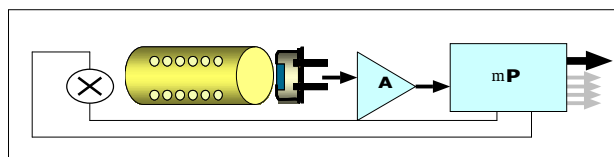


	PYM 151/152	Unit	Remark
Pre Alert Level	10%	LEL	EN 50194
Main Alert Level	20%	LEL	
Response Time	max 30	sec	EN 50194.
Warm-up Time	max 60	sec	
Long Term Stability	max +/- 0,5%	LEL/a	
Operation Voltage	6,0	V DC	
Operation Current	max 240mA		
Operation Temperature	-10...+40	°C	
Environmental Humidity	max 90%	rel Hum.	
Storage Temperature	-40...+70	°C	non permanent
	-10...+50		permanent

Outputs provided:

PYM 151: Digital out :one wire, pre-alert, main alert, no-function, selfdiagnosis, with 4 pin plug

PYM 152: 4 lines:pre-alert, main alert, no-function, selfdiagnosis, with 7 pin plug.



Europe:
PerkinElmer Optoelectronics
GmbH & CoKG
Wenzel Jaksch Str 31
65199 Wiesbaden / Germany
Phone +49(0)611 492 0
Fax +49(0)611 492 170

N America:
PerkinElmer Canada
16800 Trans Canada
Kirkland, QC H9H 5G7
Canada
Phone +1 (514) 693 2222
Fax +1 (514) 693 2210

Asia:
PerkinElmer Optoelectronics
47, Ayer Rajah Crescent #06-12
Singapore 139947
Phone +65 775 2022
Fax +65 775 1008

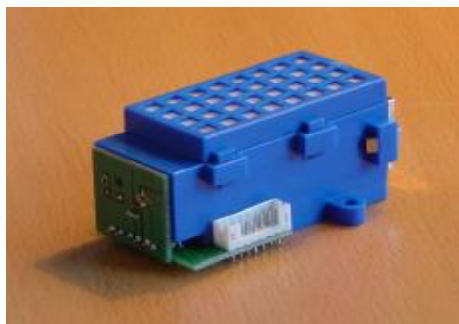
Right for modification reserved / WS / 17.6.2004

www.optoelectronics.perkinelmer.com

PerkinElmer
precisely.

Smart Gas Sensor PYM 151 / PYM 152

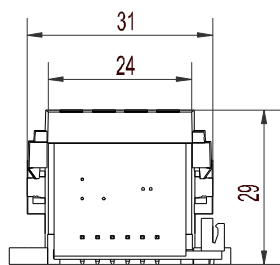
Sensor Modules for Natural Gas Detection



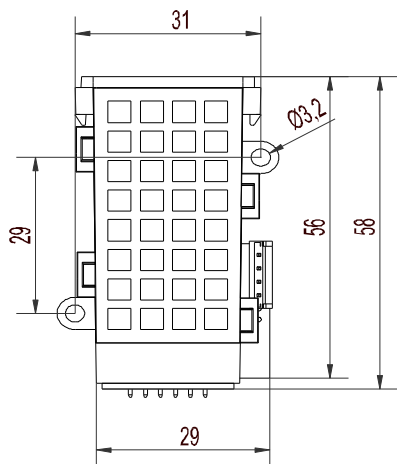
Meets EN 50 194 Requirements
Unique NDIR Sensor Module
Digital Output
Factory-calibrated

New!

The **Smart Gas Sensor** is PerkinElmer's response to OEM requirements for gas alarm sensors with long term stability. By use of the NDIR principle with a robust IR source and a highly reliable pyroelectric detector, this sensor offers a digital alarm output, self monitor and diagnosis feature. It is supplied fully tested and calibrated for a minimum of 4 year long term operation. The **PYM 151** provides one output with series signal transmission, whereas **PYM 152** provides 4 discrete digital output signals.



Dimensions in mm
Patent pending

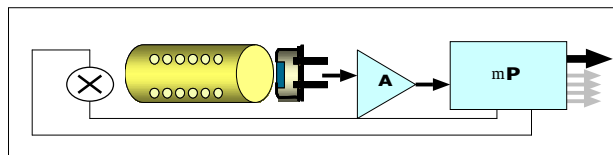


	PYM 151/152		Unit	Remark
Pre Alert Level	10%		LEL	EN 50194
Main Alert Level	20%		LEL	
Response Time	max	30	sec	EN 50194.
Warm-up Time	max	60	sec	
Long Term Stability	max	+/- 0,5%	LEL/a	
Operation Voltage	6,0		V DC	
Operation Current	max	240mA		
Operation Temperature	-10...+40		°C	
Environmental Humidity	max	90%	rel Hum.	
Storage Temperature	-40...+70		°C	non permanent
	-10...+50			permanent

Outputs provided:

PYM 151: Digital out :one wire, pre-alert, main alert, no-function, selfdiagnosis, with 4 pin plug

PYM 152: 4 lines:pre-alert, main alert, no-function, selfdiagnosis, with 7 pin plug.



Europe:
PerkinElmer Optoelectronics
GmbH & CoKG
Wenzel Jaksch Str 31
65199 Wiesbaden / Germany
Phone +49(0)611 492 0
Fax +49(0)611 492 170

N America:
PerkinElmer Canada
16800 Trans Canada
Kirkland, QC H9H 5G7
Canada
Phone +1 (514) 693 2222
Fax +1 (514) 693 2210

Asia:
PerkinElmer Optoelectronics
47, Ayer Rajah Crescent #06-12
Singapore 139947
Phone +65 775 2022
Fax +65 775 1008

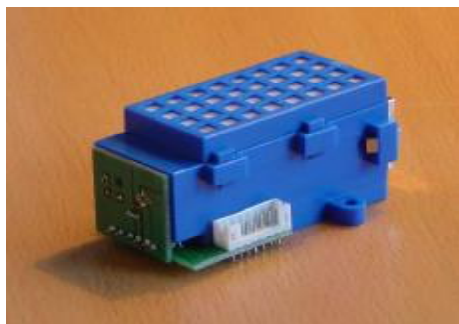
Right for modification reserved / WS / 17.6.2004

www.optoelectronics.perkinelmer.com

PerkinElmer
precisely.

Smart Gas Sensor PYM 151 / PYM 152

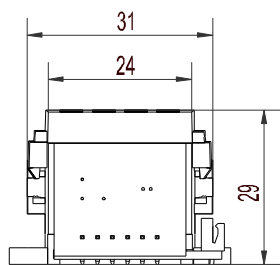
Sensor Modules for Natural Gas Detection



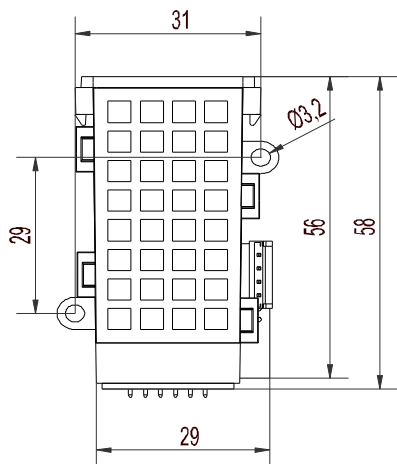
Meets EN 50 194 Requirements
Unique NDIR Sensor Module
Digital Output
Factory-calibrated

New!

The **Smart Gas Sensor** is PerkinElmer's response to OEM requirements for gas alarm sensors with long term stability. By use of the NDIR principle with a robust IR source and a highly reliable pyroelectric detector, this sensor offers a digital alarm output, self monitor and diagnosis feature. It is supplied fully tested and calibrated for a minimum of 4 year long term operation. The **PYM 151** provides one output with series signal transmission, whereas **PYM 152** provides 4 discrete digital output signals.



Dimensions in mm
Patent pending

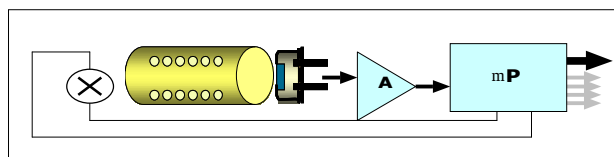


	PYM 151/152	Unit	Remark
Pre Alert Level	10%	LEL	EN 50194
Main Alert Level	20%	LEL	
Response Time	max 30	sec	EN 50194.
Warm-up Time	max 60	sec	
Long Term Stability	max +/- 0,5%	LEL/a	
Operation Voltage	6,0	V DC	
Operation Current	max 240mA		
Operation Temperature	-10...+40	°C	
Environmental Humidity	max 90%	rel Hum.	
Storage Temperature	-40...+70	°C	non permanent
	-10...+50		permanent

Outputs provided:

PYM 151: Digital out :one wire, pre-alert, main alert, no-function, selfdiagnosis, with 4 pin plug

PYM 152: 4 lines:pre-alert, main alert, no-function, selfdiagnosis, with 7 pin plug.



Europe:
PerkinElmer Optoelectronics
GmbH & CoKG
Wenzel Jaksch Str 31
65199 Wiesbaden / Germany
Phone +49(0)611 492 0
Fax +49(0)611 492 170

N America:
PerkinElmer Canada
16800 Trans Canada
Kirkland, QC H9H 5G7
Canada
Phone +1 (514) 693 2222
Fax +1 (514) 693 2210

Asia:
PerkinElmer Optoelectronics
47, Ayer Rajah Crescent #06-12
Singapore 139947
Phone +65 775 2022
Fax +65 775 1008

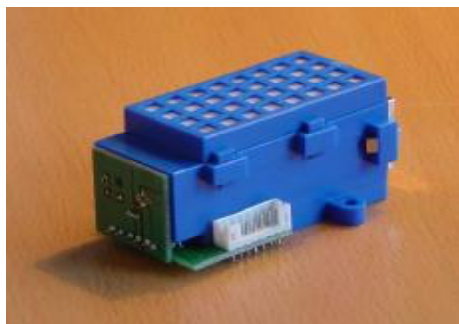
Right for modification reserved / WS / 17.6.2004

www.optoelectronics.perkinelmer.com

PerkinElmer
precisely.

Smart Gas Sensor PYM 151 / PYM 152

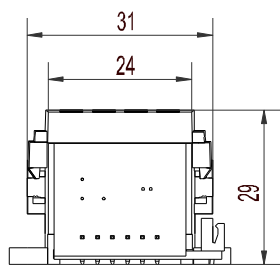
Sensor Modules for Natural Gas Detection



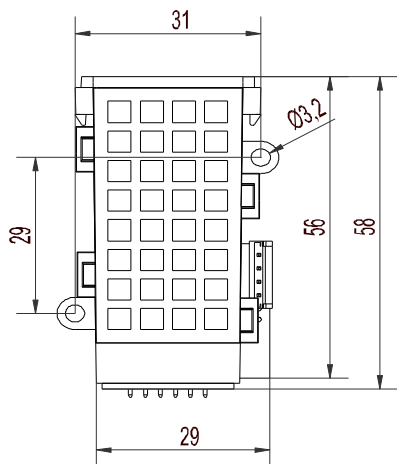
Meets EN 50 194 Requirements
Unique NDIR Sensor Module
Digital Output
Factory-calibrated

New!

The **Smart Gas Sensor** is PerkinElmer's response to OEM requirements for gas alarm sensors with long term stability. By use of the NDIR principle with a robust IR source and a highly reliable pyroelectric detector, this sensor offers a digital alarm output, self monitor and diagnosis feature. It is supplied fully tested and calibrated for a minimum of 4 year long term operation. The **PYM 151** provides one output with series signal transmission, whereas **PYM 152** provides 4 discrete digital output signals.



Dimensions in mm
Patent pending

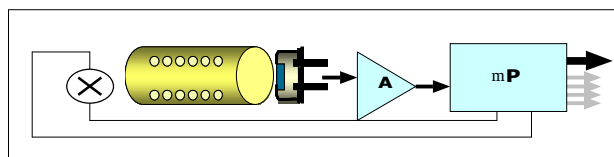


	PYM 151/152	Unit	Remark
Pre Alert Level	10%	LEL	EN 50194
Main Alert Level	20%	LEL	
Response Time	max 30	sec	EN 50194.
Warm-up Time	max 60	sec	
Long Term Stability	max +/- 0,5%	LEL/a	
Operation Voltage	6,0	V DC	
Operation Current	max 240mA		
Operation Temperature	-10...+40	°C	
Environmental Humidity	max 90%	rel Hum.	
Storage Temperature	-40...+70	°C	non permanent
	-10...+50		permanent

Outputs provided:

PYM 151: Digital out :one wire, pre-alert, main alert, no-function, selfdiagnosis, with 4 pin plug

PYM 152: 4 lines:pre-alert, main alert, no-function, selfdiagnosis, with 7 pin plug.



Europe:
PerkinElmer Optoelectronics
GmbH & CoKG
Wenzel Jaksch Str 31
65199 Wiesbaden / Germany
Phone +49(0)611 492 0
Fax +49(0)611 492 170

N America:
PerkinElmer Canada
16800 Trans Canada
Kirkland, QC H9H 5G7
Canada
Phone +1 (514) 693 2222
Fax +1 (514) 693 2210

Asia:
PerkinElmer Optoelectronics
47, Ayer Rajah Crescent #06-12
Singapore 139947
Phone +65 775 2022
Fax +65 775 1008

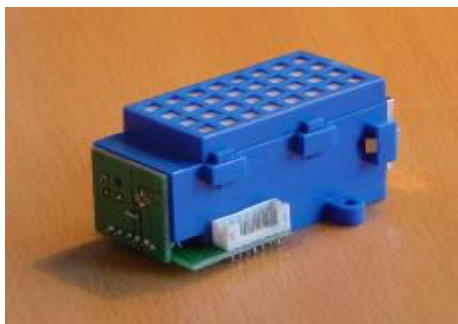
Right for modification reserved / WS / 17.6.2004

www.optoelectronics.perkinelmer.com

PerkinElmer
precisely.

Smart Gas Sensor PYM 151 / PYM 152

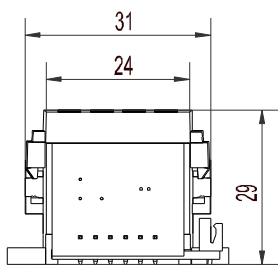
Sensor Modules for Natural Gas Detection



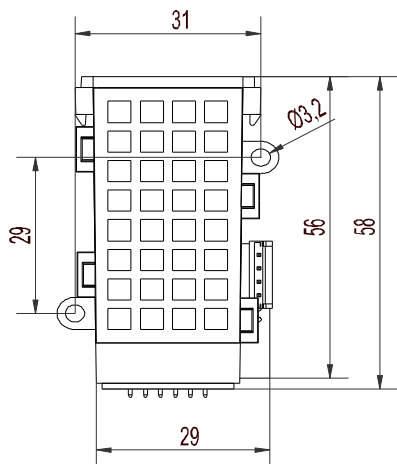
Meets EN 50 194 Requirements
Unique NDIR Sensor Module
Digital Output
Factory-calibrated

New!

The **Smart Gas Sensor** is PerkinElmer's response to OEM requirements for gas alarm sensors with long term stability. By use of the NDIR principle with a robust IR source and a highly reliable pyroelectric detector, this sensor offers a digital alarm output, self monitor and diagnosis feature. It is supplied fully tested and calibrated for a minimum of 4 year long term operation. The **PYM 151** provides one output with series signal transmission, whereas **PYM 152** provides 4 discrete digital output signals.



Dimensions in mm
Patent pending

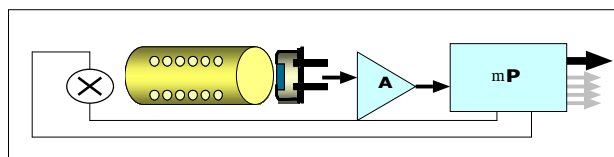


	PYM 151/152		Unit	Remark
Pre Alert Level	10%		LEL	EN 50194
Main Alert Level	20%		LEL	
Response Time	max	30	sec	EN 50194.
Warm-up Time	max	60	sec	
Long Term Stability	max	+/- 0,5%	LEL/a	
Operation Voltage	6,0		V DC	
Operation Current	max	240mA		
Operation Temperature	-10...+40		°C	
Environmental Humidity	max	90%	rel Hum.	
Storage Temperature	-40...+70		°C	non permanent
	-10...+50			permanent

Outputs provided:

PYM 151: Digital out :one wire, pre-alert, main alert, no-function, selfdiagnosis, with 4 pin plug

PYM 152: 4 lines:pre-alert, main alert, no-function, selfdiagnosis, with 7 pin plug.



Europe:
PerkinElmer Optoelectronics
GmbH & CoKG
Wenzel Jaksch Str 31
65199 Wiesbaden / Germany
Phone +49(0)611 492 0
Fax +49(0)611 492 170

N America:
PerkinElmer Canada
16800 Trans Canada
Kirkland, QC H9H 5G7
Canada
Phone +1 (514) 693 2222
Fax +1 (514) 693 2210

Asia:
PerkinElmer Optoelectronics
47, Ayer Rajah Crescent #06-12
Singapore 139947
Phone +65 775 2022
Fax +65 775 1008

Right for modification reserved / WS / 17.6.2004

www.optoelectronics.perkinelmer.com

PerkinElmer
precisely.