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GET-TEMPERATUREPROBE

24/10/2018 by [STEPHANOS](#) – [LEAVE A COMMENT](#)

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Description

Get-TemperatureProbe will provide you the information about the properties of a temperature sensor (electronic thermometer).

Note: You need to install SysInfo module in order for this cmdlet to be available. For more information, see [PowerShell Module SysInfo](#).

Syntax:

Get-TemperatureProbe

```
[[ -ComputerName] <String[]>]
[[ -Protocol] <String>]
[[ -Properties] <String[]>]
[<CommonParameters>]
```

Requirements

- SysInfo PowerShell Module
- WinRM Enabled and PowerShell 3.0 (only if you use WinRM protocol)

If you want to find more about the specific cmdlet while you are in PowerShell you can use the below to get the help file.

Code:

Get-Help Get-TemperatureProbe

Output:

```
PS C:\Windows> Get-Help Get-TemperatureProbe

NAME
    Get-TemperatureProbe

SYNOPSIS
    Gets the properties of a temperature sensor
    (electronic thermometer).

SYNTAX
    Get-TemperatureProbe [[-ComputerName] <String[]>] [[-Protocol] <String>] [[-Properties] <String[]>] [<CommonParameters>]

DESCRIPTION
    Gets the properties of a temperature sensor
    (electronic thermometer) and converts all codes
    in results into human readable format.

RELATED LINKS
    https://www.sconstantinou.com/get-temperatureprobe

REMARKS
    To see the examples, type: "get-help Get-TemperatureProbe -examples".
    For more information, type: "get-help Get-TemperatureProbe -detailed".
    For technical information, type: "get-help Get-TemperatureProbe -full".
    For online help, type: "get-help Get-TemperatureProbe -online"
```

Now lets see few examples about **Get-TemperatureProbe**.

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Examples

Example 1

This command gets the information from local system.

```
PS C:\> Get-TemperatureProbe

CurrentReading :
Name           : Numeric Sensor
Description    : LM78A
MinReadable    : 32768
MaxReadable    : 32768
Status        : Unknown
SystemName     : LOCALPC
```

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```
PS C:\> Get-TemperatureProbe -ComputerName Server1
```

Example 3

This command gets the information from remote system with IP 192.168.0.5.

```
PS C:\> Get-TemperatureProbe -ComputerName "192.168.0.5"
```

Example 4

This command gets the information from Server1, Server2 and Server3.

```
PS C:\> Get-TemperatureProbe -ComputerName Server1,Server2,Serv
◀────────────────────────────────────────────────────────────────▶
```

Example 5

This command gets the information from Server1 and will output only Name and Status Properties.

```
PS C:\> Get-TemperatureProbe -ComputerName Server1 -Properties
◀────────────────────────────────────────────────────────────────▶
```

Example 6

This command gets the information from Server1 and will output all properties.

```
PS C:\> Get-TemperatureProbe -ComputerName Server1 -Properties
◀────────────────────────────────────────────────────────────────▶
```

Example 7

This command gets the information from Server1.

```
PS C:\> "Server1" | Get-TemperatureProbe
```

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```
PS C:\> Get-TemperatureProbe -ComputerName Server1 -Protocol DCOM
```

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Optional Parameters

- **-ComputerName**
 - Description: Specifies the computer names or IP Addresses of the systems that we want to get the information from.
 - Required: False
 - Position: 1
 - Default value: None
 - Accept pipeline input: True (ByValue)
 - Accept wildcard characters: False
- **-Protocol**
 - Description: Specifies the protocol that will be used to get the information from the remote system.
 - Accepted Values: DCOM or WinRM
 - Required: False
 - Position: 2
 - Default value: None
 - Accept pipeline input: False
 - Accept wildcard characters: False
- **-Properties**
 - Description: Specifies the object properties that appear in the display and the order in which they appear. Wildcards are permitted.
 - Required: False
 - Position: 3
 - Default value
 - Accept pipeline input: False
 - Accept wildcard characters: True

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Get-TemperatureProbe can accept a string value to determine the ComputerName parameter.

Outputs

System.Object.

Get-TemperatureProbe returns an object containing all the information that has been retrieved.

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Summary

```
PS C:\Programs\Get-Temp> Get-TemperatureProbe
Name
-----
Get-TemperatureProbe
DESCRIPTION
Gets the properties of a Temperature sensor
(SelectObject, Temperature).
PARAMETERS
Get-TemperatureProbe [-ComputerName] <string> [-Protocol] <string> [-Property] <string> [-ComponentName]
SCRIPTING
Gets the properties of a Temperature sensor
(SelectObject, Temperature) and returns all codes
in results table.
RELATED LINKS
https://msdn.microsoft.com/en-us/library/windows/desktop/729634.aspx
NOTES
This cmdlet is part of the "Get-Temp" module.
For more information, type "Get-Temp -Get-TemperatureProbe -Help".
For online help, type "Get-Temp -Get-TemperatureProbe -OnlineHelp".
```

Article Name Get-TemperatureProbe

Description Get-TemperatureProbe. Here you will find information about Get-TemperatureProbe and its use. Stephanos Constantinou Blog - PowerShell Scripting

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