



Electronic hygrotherm ETF 012 100-240 V AC, 0-+ 60 °C, 50-90% RF

Model	
product brand name	SIVACON
product designation	Electronic Hygrotherm new generation
design of the switching function	CO contact
General technical data	
mechanical service life (operating cycles) typical	50 000
mounting type	Clip for 35 mm rail
switching differential relative humidity at ± 3% tolerance at 25 °C	90 %
type of voltage of the operating voltage	AC
Protection class	
protection class IP	IP 20
Product details	
product component digital display	No
Connections	
connectable conductor cross-section for rigid conductor maximum	2.5 mm²
connectable conductor cross-section finely stranded with core end processing maximum	2.5 mm²
tightening torque with screw-type terminals maximum	0.5 N·m
type of electrical connection	5-pole terminal
Mechanical Design	
height	77 mm
width	60 mm
depth	43 mm
fastening method	terminal mounting
mounting position	Vertical
net weight	0.2 kg
Environmental conditions	
adjustable response value relative humidity	
• initial value	50 %
• full-scale value	90 %
ambient temperature during operation	
• minimum	0 °C
• maximum	60 °C
ambient temperature during storage	
• minimum	-20 °C
• maximum	60 °C
Certificates	
reference code	
• according to EN 61346-2	K

Approvals Certificates

General Product Approval

other



EG-Konf.

[Confirmation](#)



UR



[Confirmation](#)

[Miscellaneous](#)

Environment

[Environmental Con-
firmations](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=8MR2170-4E>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/8MR2170-4E>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=8MR2170-4E

CAX-Online-Generator

<http://www.siemens.com/cax>

Tender specifications

<http://www.siemens.com/specifications>

last modified:

7/29/2022

