

Converts the AISG out (female) to an AISG in (male) port in order to operate the FlexRET with two BTS.  
Only for FlexRET 86010153v01.



<b>Type No.</b>		<b>86010162</b>
Protocols		compliant to 3GPP/AISG 2.0
Input voltage range	V	10 ... 30 (pin 6)
Connectors		1 x 8 pin connector (male) according to IEC 60130-9; according to AISG C485 1 x 8 pin connector (female) according to IEC 60130-9; according to AISG C485 Female mates with FlexRET
Hardware interfaces		RS 485A/B (pin 5, pin 3); power supply (pin 6); DC return (pin 7); according to AISG / 3GPP
Temperature range	°C	-40 ... +60
Protection class		IP 67 (installed)
Surge current capability		AISG interface (each pin) in combination with FlexRET 2.5 kA (10/350 µs) 8 kA (8/20 µs) according to IEC 61000-4-5
Housing material		Connector shell: Zinc die cast Ni plated; Contacts: Ag plated
Weight	g lb	45 0.099
Packing size (H x W x D)	mm inches	43 x 20 x 20 1.7 x 0.78 x 0.78
Dimensions (H x W x D)	mm inches	43 x 20 x 20 1.7 x 0.78 x 0.78

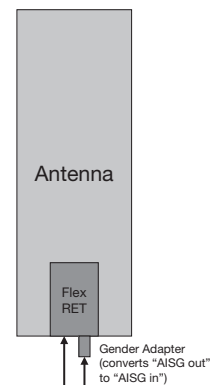


Standards: EN 60950-1 (Safety)  
EN 60950-22 (Safety – Equipment installed outdoor)  
ETS 300019-1-4 (Environmental)  
UL 60950-1; 1<sup>st</sup> edition

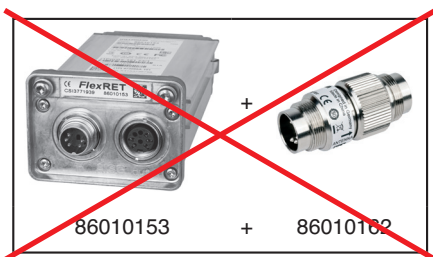
Certification: CE

Scope of supply: Gender Adapter

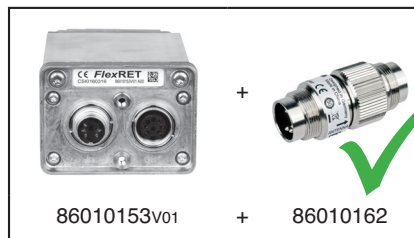
Notice: The Gender Adapter is solely to be used in combination with the FlexRET module 86010153v01. A combination with other modules, especially with the FlexRET module 86010153, must be avoided since this could lead to unexpected behaviour in the FlexRET module and could cause overvoltage in the primary power supply.  
For avoidance of doubt, the combination with any other module, with exception of the FlexRET module 86010153v01, could lead to a damage. In no event will Kathrein, its affiliates and/or subsidiaries be liable for direct, incidental, consequential, special, indirect damages arising from or relating to the combination with another module except FlexRET module 86010153v01. These limitations will apply even if Kathrein has been advised of the possibility of such damages and whether such damages are foreseeable or not.



936.5262/a Subject to alteration.



In combination with 86010153:  
Gender Adapter is not usable.



In combination with 86010153v01:  
Gender Adapter can be used.

## Installation introduction

- 1) The Gender Adapter must be connected to the FlexRET module prior to connecting it to the cable. The Gender Adapter is marked with an arrow. Please connect the adapter to the FlexRET module output (marked with "out") in direction of the arrow and fix it with a tightening torque of 0.5–1.0 Nm ('hand-tightened'). The connector should be tightened by hand or by a special screw driver (order no. 85010080).
- 2) Connect a control cable to the AISG input of the FlexRET. The tightening torque for fixing the connector must be 0.5–1.0 Nm ('hand-tightened'). The connector should be tightened by hand or by a special screw driver (order no. 85010080). See also the data sheet for Kathrein AISG-cable (86010007, ...).

**Please note:** To ensure the tightness of the RET System, Kathrein recommends the use of Kathrein components only.

- 3) Address the FlexRET single units to the BTS as desired.

**Please note:** At the input where the Gender Adapter is connected, the serial number of the FlexRET module is in addition to the array ID also extended by the character "G" (example: CSG3415804G-Y1).

The serial number of the FlexRET module at the original AISG input remains as before, e.g. CSG3415804-Y2.