

Foxboro - Compact 200 Series**RH101RY**

Internal-Power Termination Assembly for Compact FBM214E

Verified model data

Manufacturer	Foxboro
Part number	RH101RY
Product function	Internal-power TA for Compact FBM214E
Channels	16
Loop power	FBM auxiliary +24 VDC
TA net weight	0.272 kg, approximate
Official dimensions status	Drawing located; no unambiguous W × H × D values published in extractable text

Selection summary

Foxboro RH101RY terminates sixteen 4–20 mA signals, with or without HART data, for a Compact FBM214E module.

Its internal-power arrangement feeds one supported field device per channel and provides group isolation and current limiting as part of the documented module/TA combination.

The assembly is used when a Compact FBM214E station is designed to power its transmitter loops without a separate customer loop supply.

APTER POWER

Foxboro - Compact 200 Series**RH101RY****Additional verified data****Loop Power**

- The TA uses the FBM auxiliary +24 VDC supply
- One supported field device is powered per channel
- All loop supplies are current-limited by the documented design

Field Wiring

- Sixteen compression-terminal input circuits are provided
- A Type 4 cable links the TA to the Compact baseplate
- Shielding and polarity must follow the installed loop drawings

Replacement Checks

- Confirm RH101RY rather than the external-power RH101RT
- Preserve terminal numbering and loop assignments
- Prove current and HART communication channel by channel

Application checkpoints

- Internally powered 4–20 mA/HART transmitter termination
- Compact FBM214E field-loop connection
- DIN-rail termination for group-isolated analog input loops

Evidence boundary: Exact RH101RY identity, compatible module and approximate TA weight are official. Three-axis dimensions are left blank because the official drawing did not yield a safe W × H × D value.

Source basis: Foxboro PSS 41H-2C214E, Rev. B.

APTER POWER