

Product Name

**MYNXG**

**SIIC<sup>2</sup> FCR 5G PLC Connector**

Legend

FIXED  
CLOUD  
REGULAR



This product is designed for the MYNXG 5G Campus. It is the plug and play solution to digitalize your PLC Automation. Connect your PLC based processes, machines and infrastructure with the MYNXG Industrial Operation Technology Cloud (OT). It is protected according to CTIA Crypto Standards and contains MYNXG TCB hardware-based security.

## General Data

Supply	24V DC
Connectors / Glands	Ethernet RJ45 Connector
Connectors / Glands	RS485 Connector
Temperature	-20°C to 60°C
Conformity	CE, FCC in Q4 2020
Environmental	IP20
Dimensions	124 x 80 x 45mm

## Wireless

Mobile 3GPP	LTE, 3G, GSM
Mobile 3GPP 5G	NSA / SA Modes
Mobile Campus 5G	MYNXG 5G Campus Support
WIFI	802.11n Hotspot/Client Mode

## Sensors Inside

Gyro sensor	Acceleration
Ambient Light Sensor	Detects any opening of the housing
Bosch Climate	Temperature/Humidity Sensor

## Security

Hardware Security	TPM Module BSI certified
Encryption Technology	MYNXG Cyphersuite
Blockchain Technology	MYNXG Blockchain

## Edge Computing

Processor	ARM® 32bit Cortex® M7
Operating System	MYNXG Sensor OS
Processing	Manage PLC Systems securely via the ProfiNet/ ProfiBus IO Controller
Monitoring PLC Systems	with PLC Next Applications and Cloud based Digital Twins

## Wired

System Bus Integration	via Phoenix Systems "Linksanreihung"
ProfiNet	via the Axioline PLC Series 3
ProfiBus	via the Axioline PLC Series 3
LAN	RJ45 Ethernet up to 100Mbps
Industrial Networks	2 x Modbus (Galvanic Isolated)

## Product Number

110101 and 110102  
EU and US version

**Smart. Realtime. Secure.**