System Terminals   **KL9020**

Signal output terminal bus extension

Top view

Fieldbus

Terminal bus extension, end terminal KL9020

up to 5 m distance

Coupler terminal KL9050

Standard S(F)TP cable with two RJ45 plugs ZK1090-0101-xxxx up to 31 stations
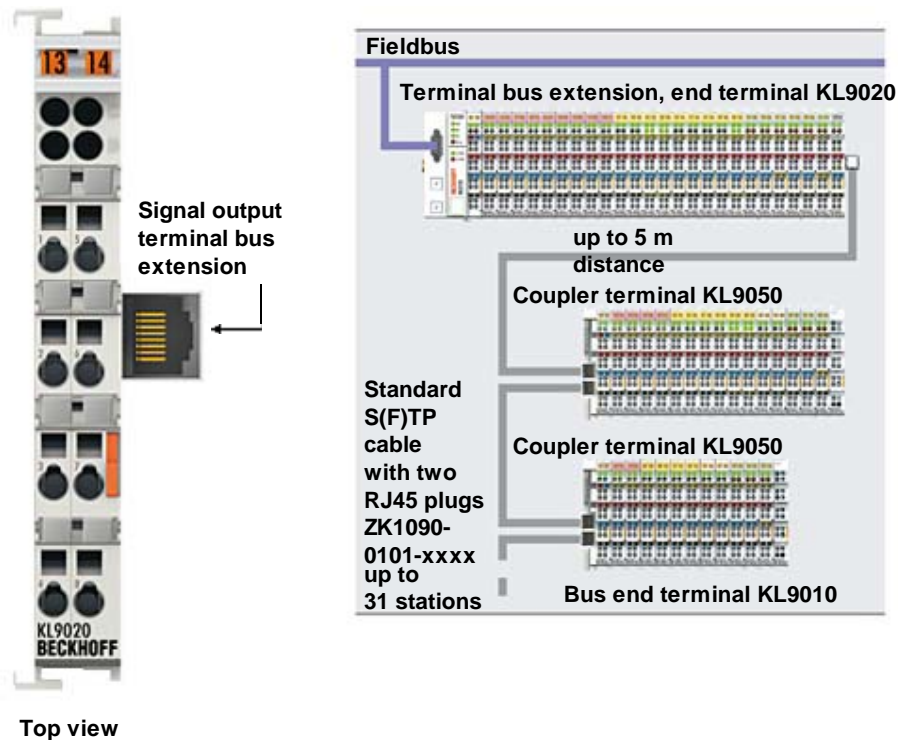
Coupler terminal KL9050

Bus end terminal KL9010

KL9020 | Terminal bus extension, end terminal

The KL9020 is attached to the end of the Bus Terminal block in the same way as the standard terminal KL9010 and terminates the terminal block. The KL9020 enables the connection of an Ethernet cable with a RJ 45 plug. The K-bus signals are converted to RS485. Power to the KL9020 electronics is supplied via the K-bus. The KL9020 forms a properly working unit together with at least one KL9050. Apart from a supply voltage of 24 V and the insertion of the Ethernet cable, there is no further parameterisation or configuration work necessary. The Bus Coupler carries out all diagnosis and commissioning tasks.

Technical data	KL9020
Number of coupler terminals	up to 31 KL9050
Type/number of peripheral signals	Bus Coupler dependency
Max. number of bytes fieldbus	Bus Coupler dependency
Distance between stations	max. 5 m between KL9020 and KL9050
Bus interface	1 x RJ 45 socket
Current consumption K-bus	70 mA
Power contacts	24 V DC max./10 A max.
Electrical isolation	500 V (power contact/supply voltage/K-bus)
Configuration possibility	none, automatic
Weight	85 g
Operating/storage temperature	0…+55 °C/-25…+85 °C
Relative humidity	95 %, no condensation
Vibration/shock resistance	conforms to EN 60068-2-6/EN 60068-2-27/29
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4
Protect. class/installation pos.	IP 20/variable