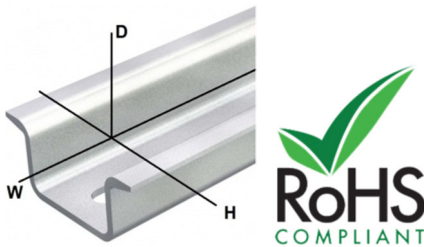


FBK20-Interface

FBK20-Interface-Module

The FBK20-Interface-Module is an adapter. This adapter can be connected to the Keyence I/O cable OP-87906 via the 20-pin PCB connector. Each individual signal is connected to a spring-loaded terminal via the PCB and can be further distributed to various devices via individual wires. The adapter is available in two versions, one with and one without the I/O cable OP-87906. The length of the ribbon cable is 600mm for the version with I/O cable and for the version without, the length can be freely selected. If the version is purchased without an I/O cable, the following must be taken into account when pressing the ribbon cable. Remove the PCB from the housing as described below. Place the ribbon cable in the PCB connector according to the markings and press the entire surface of the PCB connector evenly. When pressing, a suitable spacer must be used on the back of the PCB to avoid damage.



Key commercial data

Packing unit – FBK20-Interface with/without ribbon cable	1 pc
Weight per piece (excluding packing) – FBK20-Interface with FFC	85g
Weight per piece (including packing) – FBK20-Interface with FFC	95g
Weight per piece (excluding packing) – FBK20-Interface without FFC	56g
Weight per piece (including packing) – FBK20-Interface without FFC	66g
Country of origin – FBK20-Interface	Germany

Technical data mechanically

Length of the ribbon cable – FBK20-Interface with FFC	600mm
Width (W) – FBK20-Interface	40mm
Height (H) – FBK20-Interface	92mm
Depth (D) – FBK20-Interface	48mm
Ambient temperature (operation)	0°C ... 50°C
Ambient temperature (storage/transport)	-20°C ... 70°C
Relative humidity	90% without condensation
Mounting position	any

FBK20-Interface

FBK20-Interface-Module

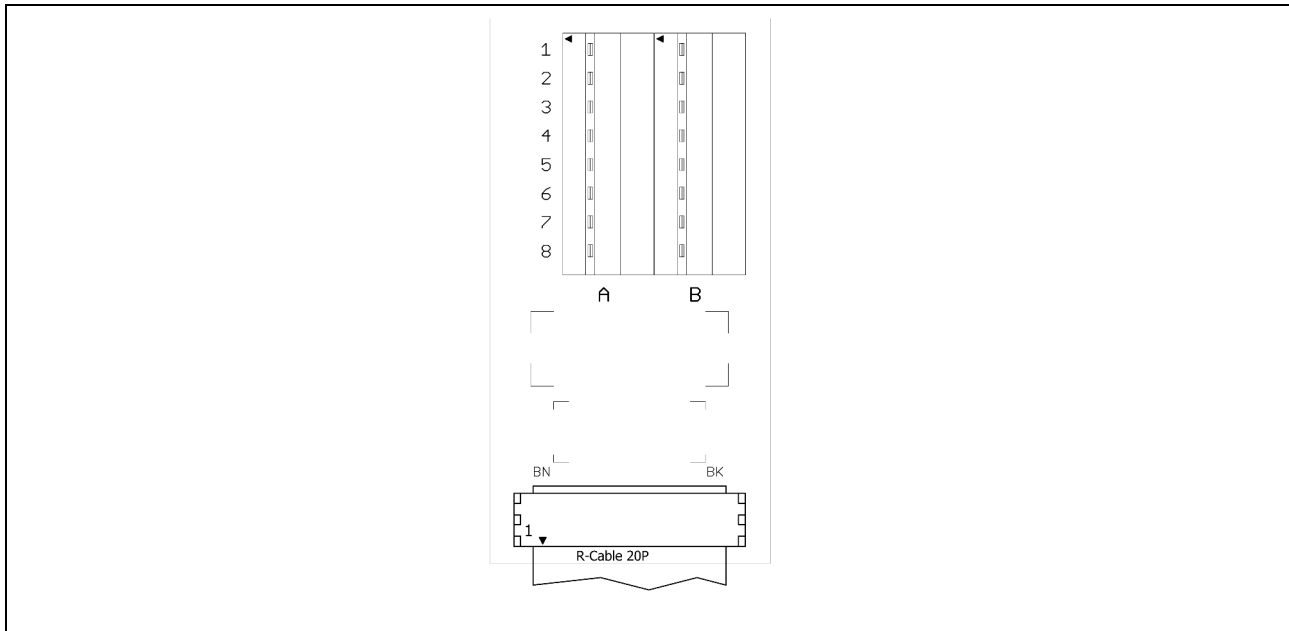
Technical data electric

Nominal voltage U_N	48V AC/DC
Nominal current I_N	0,5A
Protection class	IP20
Connection data PCB terminal	
Connection type	Push-in spring connection
Conductor cross section solid	0,25mm ² ... 1,5mm ²
Conductor cross section flexible	0,25mm ² ... 1,5mm ²
Conductor cross section with ferrule, with/ without plastic sleeve	0,25mm ² ... 1,5mm ²
Stripping length	10mm
Connection data ribbon cable	
Connection type of the Keyence I/O cable OP-87906	20-pin PCB connector

Standards and Regulations

Standards/regulations	EN 50178: 10/97
-----------------------	-----------------

PIN assignment



The spring-loaded terminals for the single wires are located at the top at the factory. It is possible to turn the spring-loaded terminals by 180° so that connection is possible from below. To do this, the three locks on a side element on the back (see pictures, marked in red) must be released. Then the side element can be removed and the PCB rotated by 180°. Finally, the side element can be reassembled accordingly.

FBK20-Interface FBK20-Interface-Module

Pictures

FBK20-Interface with FFC	FBK20-Interface without FFC
