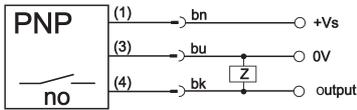


article-no.	MZA70175	MZA70155	MZA72185
operating temperature	-20 ... +70°C	-20 ... +100°C	-20 ... +70°C
version	standard	extended temperature range	short travel path
active sensor surface	middle area	middle area	underneath the connector
TECHNICAL DATA			
active sensor surface	middle area	middle area	underneath the connector
output signal	pnp, no	pnp, no	pnp, no
operating voltage	10 ... 30V DC	10 ... 30V DC	10 ... 30V DC
current consumption (w/o load)	≤ 10mA	≤ 10mA	≤ 10mA
output current (max. load)	150mA	150mA	150mA
voltage drop (max. load)	2.0V DC	2.0V DC	2.0V DC
hysteresis	typical 1mm	typical 1mm	typical 1mm
repeatability	± 0.1mm	± 0.1mm	± 0.1mm
sampling frequency	5kHz	5kHz	5kHz
display (signal)	yellow LED	-	yellow LED
short-circuit protection	+	+	-
reverse polarity protection	+	+	+
housing material	zinc diecast	zinc diecast	zinc diecast
dimensions	9.2x16.5x20mm	9.2x16.5x20mm	9.2x16.5x20mm
operating temperature	-25 ... +70°C	-25 ... +100°C	-25 ... +70°C
system of protection (EN 60529)	IP67	IP67	IP67
connection	M8-connector, 3-pin	M8-connector, 3-pin	M8-connector, 3-pin
connection accessories	e.g. VK200075	e.g. VK200075	e.g. VK200075
mounting accessories	positive stop AM000076 cable clip AM000087	positive stop AM000076 cable clip AM000087	positive stop AM000076 cable clip AM000087

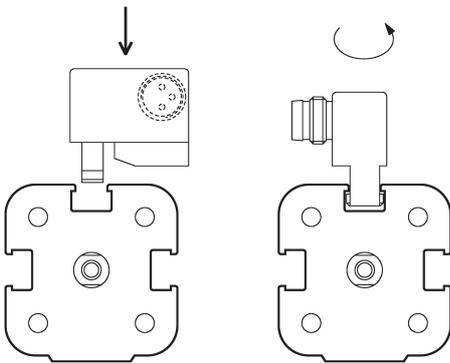
connection

connector device

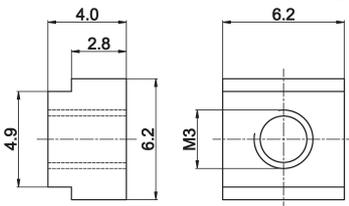


wire colors: bn = brown (1), bu = blue (3), bk = black (4)

mounting



positive stop with clamp fastening AM000076



ACCESSORIES

article-no.	description	material
AM000076	positive stop for T-groove	zinc
AM000087	cable clip for T-groove	plastic

This data sheet contains the standard versions only. Kindly request the availability of other output- and connection functions.

We will be pleased to supply the matching cable socket for your devices with connector. Please refer to the list in catalog chapter "accessories" under "cable sockets - **ipf-SENSORFLEX®**" or search our Website for "VK"..

Warning: Never use these devices in applications where the safety of a person depends on their functionality.

You also find this data sheet, as well as contact details under www.ipf-electronic.com

notes

export division

Kalver Straße 25 – 27
58515 Lüdenscheid
Germany

Fon +49 2351 98597-0
Fax +49 2351 98597-29