



# The perfect complement to sensors

## Converter plugs with different functions

- Addition of useful functions to sensors
- Small robust plastic housing with high protection rating for local mounting on the sensor
- Clearly visible display for status or measured value indication
- Special housing versions for hygienic applications
- Parameter setting via IO-Link or rotary button

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Function	Input	Output	Industrial automation	Hygienic applications
			IP67	IP69K
			Order no.	
Converter IO-Link » analogue output	IO-Link	2x analogue 4...20 mA	<b>DP1213</b>	<b>DP3213</b>
Converter IO-Link » analogue output	IO-Link	2x analogue 0...10 V	<b>DP1223</b>	<b>DP3223</b>
Converter analogue » IO-Link	2x analogue 0...10 V	IO-Link	<b>DP1222</b>	<b>DP3222</b>
Relay adapter	2x digital PNP	2x semiconductor relay normally open	<b>DP1603</b>	<b>DP3603</b>
Relay adapter	2x digital PNP	2x semiconductor relay normally closed	<b>DP1613</b>	<b>DP3613</b>
Speed monitor	1x digital PNP	2x digital PNP/NPN	<b>DP2122</b>	<b>DP4122</b>
Threshold relay	1x analogue 4...20 mA	1x digital, 1x analogue	<b>DP2200</b>	<b>DP4200</b>
Counter	2x digital PNP	2x digital PNP/NPN	<b>DP2302</b>	<b>DP4302</b>
Pulse stretcher	2x digital PNP	2x digital PNP	<b>DP2402</b>	<b>DP4402</b>

### Small on the outside, big on the inside

These handy sensor signal converters are only a few centimetres in size but feature a wide range of functions. They are the perfect complement to existing sensors, whether for retrofitting machines or simply when special functions are required that the sensor alone cannot provide.

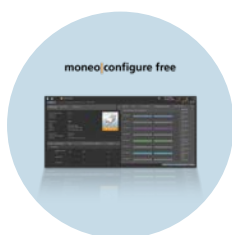
Thanks to their compact design and high protection rating, the converters can be mounted directly on the sensor or in the field.

### Versions for hygienic areas

Special versions are also available for hygienic areas. Their housing material is resistant to aggressive cleaning agents and features protection rating IP69K. The smooth housing without dead band leaves no room for deposits. They have no rotary pushbuttons for setting, but can be easily configured via IO-Link, just like the versions for general industrial use. Of course, they have the ECOLAB certificate for tested material resistance.

## BEST FRIENDS

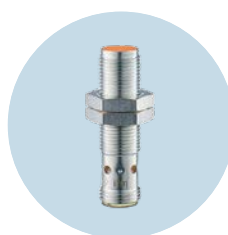
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**moneo|configure free**  
Software for parameter setting of the IO-Link infrastructure



**Temperature sensors**  
Reliable temperature measurement



**Inductive sensors**  
Pulse pick-up for the detection of rotating movements



For further technical details, please visit:  
[ifm.com/fs/DP1213](https://ifm.com/fs/DP1213)