



### CONEC M12x1 FIELD ATTACHABLE SOCKETS

CONEC has extended its broad portfolio of M12x1 sockets by a field attachable version. New fields of application and requirement profiles result in new electro-mechanical requirements for the connection technology. Individual applications require flexibility when a device is connected. The new male socket M12x1 meets these requirements.

Thus, the user has the possibility of mounting the socket housing from the front (“outside”) and the contacts and the contact carriers from the inside (combined installation). This concept is often applied for the manufacture of motors (hydraulic motors) and rotary encoders.



Due to the encoding of the slots in the rear area of the square shell, encoding of  $8 \times 45^\circ$  is possible to make sure that the desired location of an angled mating connector can be realized. \*The degree of protection in the assembled state to shell is IP67, in the mating face in unmated condition IP20.

#### Benefits:

- Compact design for applications with limited installation space
- Flexibility for device connection
- Field attachable
- Can be disassembled
- Cable outlet of angled mating connector adjustable according to customer specifications (version square flange)

#### Field of application:

- Drive technology (e.g. for use in hydraulic motors)
- Housing and device connection
- Rotary encoder manufacturers

#### Product details:

No. of poles	Coding	Type	Rated voltage	Current rating	Wire cross section	Mounting style	Degree of protection * in mated condition
4-pos.	A	Male	250 V	4 A @ 40°	max 0,5 mm <sup>2</sup>	Front- and back panel mounting	IP67
5-pos.	A	Male	60 V	4 A @ 40°	max 0,5 mm <sup>2</sup>		IP67
8-pos.	A	Male	30 V	2A @ 40°	max. 0,34 mm <sup>2</sup>		IP67

*For further information please contact the MBS Sales Team*

MBS Components Limited  
Unit I Tyson Courtyard  
Weldon South Industrial Estate  
Corby, Northants NN18 8AZ

Tel: 01536 263411  
Fax: 01536 268043  
Email: [sales@mbs-components.com](mailto:sales@mbs-components.com)  
[www.mbs-components.com](http://www.mbs-components.com)