

M12 QUICK CONNECTIVITY

ESCHA is extending the quick-connectivity systems range

The plug is succeeding the coupling of the S12x1 connector series

Halver, 22.07.2008

After the successful launch of the quickest connector coupling on the market, ESCHA is introducing, as of now, the quick connector-plug system adding a further product to the round connector series S12x1. The new quick-turn connector plug meets the IP67 requirements as well. The new plug is available in various housing styles and polarities providing for a widest possible range of applications.

By introducing the S12x1 quick connector plug, ESCHA is consequently extending its product range in this field. Full compatibility with the M12 standards is a must in this case. For this reason, care was taken to ensure that the S12x1 plug and coupling can also be used with existing applications and the customer is not restricted to a certain system, thus meeting central customers' requirement.

How does the S12x1 plug work?

First, the plug is put in position within the coupling. Then, the four-segment structured plug thread is spread by an axial move of the nut and locked onto the coupling thread and finally confirmed by a clear signal. In addition, high cohesion forces in locked condition provide for perfect safety. In order to further simplify the installation, the axial plug has a coding display on its body. Due to the fact that the plug thread is not out of metal, counter plastic threads are not highly affected.

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As it is the case with the coupling, the tightness of the connection with threads not accurate to size can also be realized by a short re-turn of the nut on the plug. The S12x1 plug is therefore capable of compensating for thread tolerances. Additionally, a high shock- and vibration strength is guaranteed by the integrated shake-proof construction. With this technology, the engineers from Halver, Sauerland, have developed a connector plug which requires 85 percent shorter installation time compared to a standard M12 connector according to the MTM-method (Methodical Time Management). This will save customers not only time but also real cash.



**ESCHA_0308: Axial version of the new S12x1 plug connector –
The connectivity solution**

ESCHA – About us

ESCHA is a leading supplier in the field of connectivity and enclosure technology. The family enterprise has been developing and manufacturing in Halver, Sauerland for more than 25 years. More than 300 employees help create innovative products, and thus continue to extend the product portfolio. ESCHA fulfils customers' specific requirements through highly in-depth development and production.

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