

ISOBUS CONNECTOR

## *For three different cable versions*

**The launched connectors comply with the ISO 11783-2 standard. They are over-molded and provide socket pins.**

Conec has developed connectors for agriculture machines using Isobus networks to link tractors and implements. The cable variants differ in the cross-section of the ground and power stranded wires with 6 mm<sup>2</sup>, 10 mm<sup>2</sup>, and 16 mm<sup>2</sup>. The over-molded series of connectors feature contact carriers with a 9-pin contact layout as specified in ISO 11783-2. Due to the over-mold, IP67 protection of the housing up to the hybrid cable is ensured.

The connector is plugged into the so-called IBBC socket on the tractor. In the IBBC socket, the bayonet coupling is disabled and the connector is locked by means of a spring bracket. The spring bracket serves to secure the inserted connector. At the same time, it fulfills the “breakaway” function, which guarantees defined opening of the bracket in case of sudden pulling force on the cable.



*Over-molded Isobus-compliant connectors (Photo: Conec)*

In unmated condition, a cap protects the connector against dust and humidity. This cap fulfills the protection grade IP67. By default, the cap is secured to the connector with a stainless steel lanyard. When not plugged in, the IBBC socket is protected from moisture and dirt by a protective cap with integrated seal. The launched connector is equipped with a landing plate to protect the sealing of the protective cap even when plugged in. The standard version of the landing plate is round; optionally there is also a landing plate with a flattened outer surface on both sides. Upon request, the connector can also be supplied complete without landing plate.

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