

INDUSTRIELLE AUTOMATION

2/2020 · April 2020

UNOFFICIAL ENGLISH TRANSLATION

The original article was published in German in INDUSTRIELLE AUTOMATION, a trade magazine published in Germany. Prepared for CRETEC. The German original remains the reference.

Industrielle Automation Ausgabe 04.2020
Hochflexibles Cobot-Vision mit IOTA



CRETEC Pressemappe

Stand: 05.2020

Seite 10 / 116

Highly flexible cobot vision with IOTA

Historical technical claims, safety statements and contact details are translated as published. Original advertisements and unrelated neighbouring articles remain in their original language. Original publisher artwork, logos and advertisements are retained in their original language.

Highly flexible cobot vision with IOTA



The QBIC station from Cretec opens up new vision solutions for manufacturing and business models in human-robot collaboration, based on an Industry 4.0 platform and the highly scalable IOTA communication protocol. Sensitive cobots can cooperate directly with people without elaborate protective equipment. Their sensitive sensing technology achieves high safety standards in collision detection and

management. Modular systems with integrated IOTA represent a new generation of mobile, fully automated work platforms. They integrate electrical equipment, controls, a PC, cameras, vision modules, intelligent lighting, communication modules, a monitor, a robot and an additional independent power supply. Conventional blockchain capabilities are restricted in the Internet of Things. By contrast, the IOTA protocol enables fully automated IoT communication and data exchange.

www.cretec.gmbh

ENGLISH TRANSLATION / GERMAN ORIGINAL