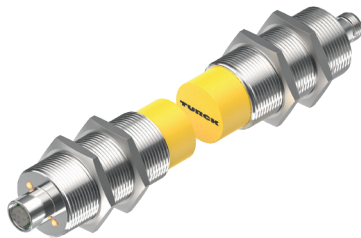


Inductive Coupler Comparison

M30 Barrel with IO-Link

NICP-EM30-IOL-H1141, NICS-EM30-IOL-HK1141



IO-Link/PNP Signals

Tool changers, rotary tables, AGVs, using
IO-Link for device data (COM2)

0...7 mm max air gap range

Up to 18 W power transmission

Rated IP67, IP68

Rectangular with Multiprotocol Ethernet

NICP-Q86-ETH-H1141, NICS-Q86-ETH-HK1141



Multiprotocol Ethernet
(PROFINET, EtherNet/IP, Modbus TCP, EtherCAT)

High-speed control (100 Mbps data rates),
network versatility with automatic protocol
detection, fast power transmission or high-
speed rotation

0...10 mm max air gap range

Up to 50 W power transmission

Rated IP65



**Data
Protocol**



Applications



**Transmission
Distance**



**Power
Transmission**



IP Rating