



Han® 3 A RJ45 10G connector, 8-poles, Cat. 6

## Advantages

- RJ45 Ethernet-Data connector suitable for industry
- Tool-less field-assembly with *HARAX*® rapid termination in IDC technology
- Category of transmission Cat. 6
- Compact design and very robust housing
- Suitable for termination of solid and stranded cables
- PROFINET compatible
- Min. 500 mating cycles

## Technical characteristics

Connector type	Han® 3 A Connector RJ45 acc. to IEC 61076-3-106 variant 5
Number of contacts	8
Transmission performance	Category 6 / Class E <sub>A</sub> up to 500 MHz acc. to ISO/IEC 11801:2002, EN 50 173-1
Transmission rate	10/100 Mbit/s and 1/10 Gbit/s
Shielding	fully shielded, 360° shielding contact
Cable termination	tool-less with IDC contacts
Conductor cross section	
stranded	AWG 27/7 - AWG 22/7
solid	AWG 24/1 - AWG 22/1
Conductor diameter	max. 1.6 mm
Cable outer diameter	6.5 mm – 9.5 mm
Degree of protection	IP65 / IP67
Temperature range	-40 °C ... +70 °C
Housing material	
Plastic version	Polycarbonate, UL 94 V0, black
Metal versions	
Standard	Zinc die-cast, powder coating grey

Identification	Part number	Drawing	Dimensions in mm
Han® 3 A RJ45 connector, 8-poles incl. housing, cable gland and instruction manual			
Plastic version, black                      straight	09 45 125 1560		
Metal version Standard, grey              straight	09 45 115 1560		
Han® 3 A RJ45 connector insert                              straight	09 45 100 1560		
can be combined with Han® 3 A housing			
Coding pin set	09 45 820 0000		

Dimensions valid for plastic version, straight