MA12FSAHD08ST0152CB25 M12 8-Pin Shielded Cable Assembly



Model	MA12FSAHD08ST0152CB25
Plug A	M12 8 pin Straight male connector
Plug B	M12 8 pin Straight female connector
Cable Length	6"/152.4mm Moulded Shielded Cable, PVC, 0.25mm2 (24AWG)
Coupling Nut	M12 anti-vibration, corrosion and weld splatter resistant
Connector keying	A-Coded
Color	Black
IP69K Protection Class	
Voltage Rating	30V AC/DC
Current Rating	2A
Installation | Cable	
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	4 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C | horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

The MA12FSAHD08ST0152CB25 is a compact, 6-inch shielded cable assembly with straight 8-pin M12 A-coded male and female connectors. Its durable PVC cable and coupling nut are designed to withstand vibration, corrosion, and weld splatter. With IP69K protection and specified bending, travel, and torsion performance, it's suited to demanding industrial applications.

Key Features:

- 8-pin M12 A-coded connectors:
  straight male to straight female
- 152.4 mm (6 in) moulded, shielded black PVC cable
- 0.25 mm^2 (24 AWG) conductors
- IP69K protection rating
- Coupling nut resists vibration, corrosion, and weld splatter
- Rated for 30 V AC/DC and 2 A
- Fixed bend radius: 5× cable outer diameter; dynamic bend radius: 10×
- C-track rating: 4 million bending cycles, 10 m horizontal travel, and speeds up to 3 m/s at 25 °C
- Torsion rating: 2 million cycles at ±180°/m and 35 cycles/min

