



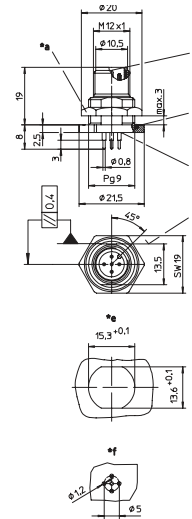
PROFIBUS Receptacle Connectors

RSHL 5B/S 5.5



M12 Male

Receptacle connector, M12 male connector for rear mounting, print contacts, chassis side thread PG 9 (panel nut RSKF 9).



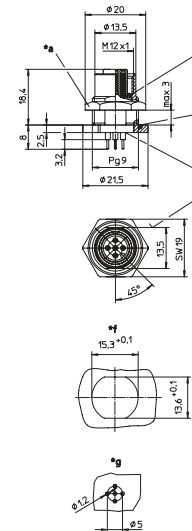
- *a Nut
- *b O-Ring
- *c Solder contacts potted with epoxy
- *d Anti-rotation protection
- *e Cut out for anti-rotation
- *f Hole pattern in printed circuit board
- *v Center contact leading

RKHL 5B/S 5.5



M12 Female

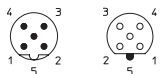
Receptacle connector, M12 female connector for rear mounting, printed contacts, chassis side thread PG 9 (panel nut RSKF 9).



- *a Nut
- *b O-Ring
- *c O-Ring
- *d Solder contacts potted with epoxy
- *e Anti-rotation protection
- *f Cut out for anti-rotation
- *g Hole pattern in printed circuit board

Pin Assignment

M12 - 5 Poles (B-Coding)





Be Certain with Belden

PROFIBUS Receptacle Connectors

RSHL 5B/S 5.5 | RKHL 5B/S 5.5

Technical Data

Environmental

Degree of protection IP 67 / NEMA 6P
 Operating temperature range -25°C (-13°F) / +80°C (+176°F)

Mechanical

Housing / Molded body CuZn, nickel-plated
 Insert PA
 Contact CuZn, pre-nickeled and 0.8 microns gold-plated
 O-ring FKM
 Mode of connection printed circuit board mount

Electrical

Contact resistance ≤ 5 mΩ
 Nominal current at 40°C 4 A
 Nominal voltage 60 V
 Rated voltage 63 V
 Test voltage 1.5 kV eff. / 60 s
 Insulation resistance > 10⁹ Ω
 Pollution degree 3

| Part Number | Pins | |
|---------------|------|---|
| RSHL 5B/S 5.5 | 5B |   |
| RKHL 5B/S 5.5 | 5B |   |