

## Sensoren, Serie SN5-X



**AVENTICS™**

**AVENTICS Serie  
SN5-X Magnetische  
Näherungssensoren**

  
**EMERSON™**

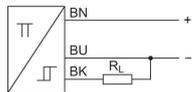
## **Sensor, Serie SN5-X**

Die AVENTICS Serie SN5-X umfasst magnetische Sensoren, die auf ferromagnetisches Material reagieren und speziell für Schweißanwendungen entwickelt wurden.

- Sensor spricht auf ferromagnetisches Material an
- Variante schweißfest
- Variante Impulsverlängerung

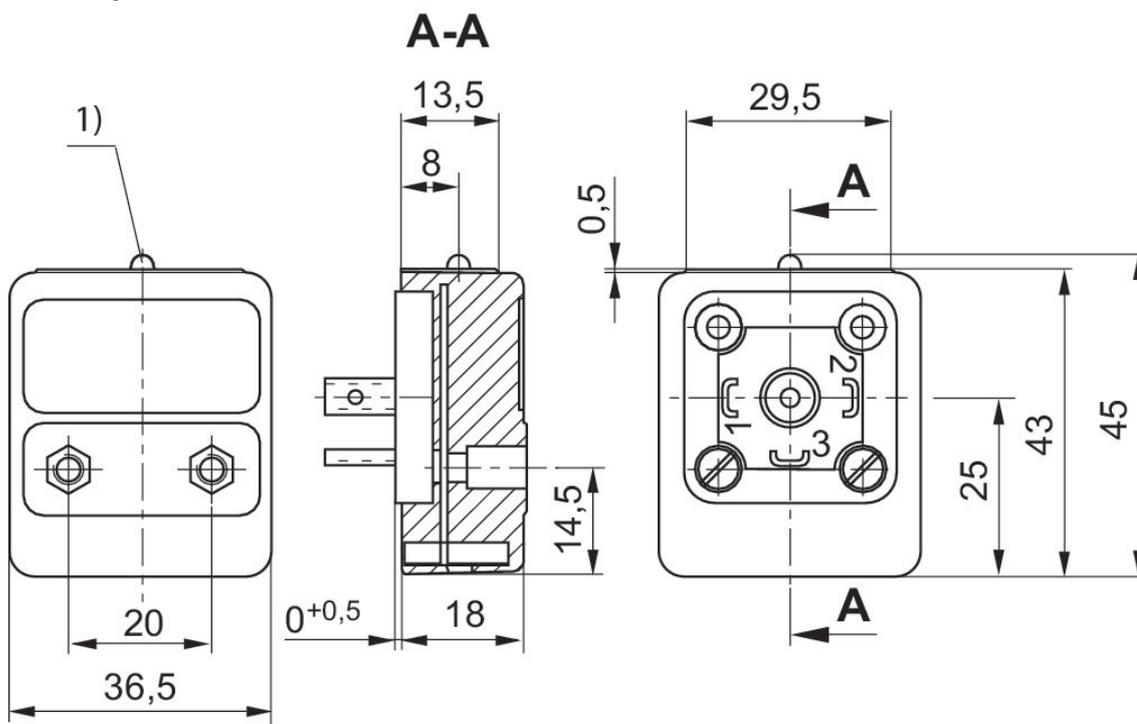


**Sensor, Serie SN5-X**



Indirekte Montage fur Serie	Kontaktart	Elektrischer Anschluss Anzahl Pole	Materialnummer
TRB, ITS	elektronisch PNP	3-polig	0830100500
TRB, ITS	elektronisch PNP	3-polig	0830100502

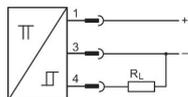
Abmessungen



1) LED

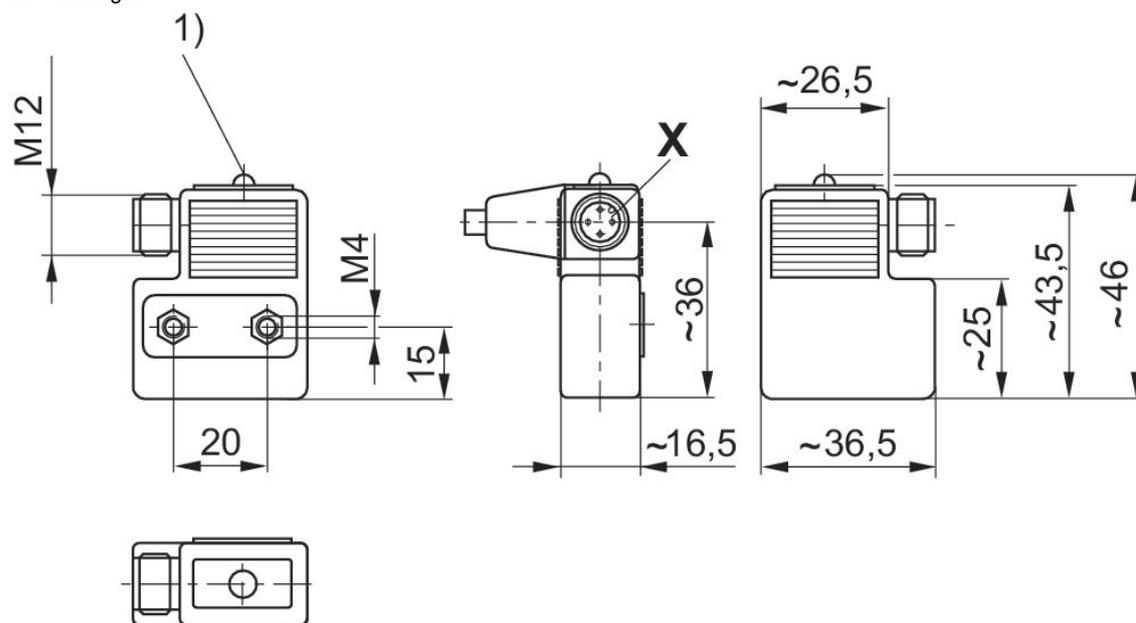
**Sensor, Serie SN5-X**

Buchse  
M12  
3-polig



Indirekte Montage fur Serie	Kontaktart	Elektrischer Anschluss Groe	Elektrischer Anschluss Anzahl Pole	Materialnummer
TRB, ITS	elektronisch PNP	M12	3-polig	0830100525
TRB, ITS	elektronisch PNP	M12	3-polig	0830100534

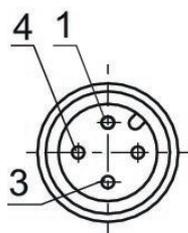
Abmessungen



1) LED

**0830100525, 0830100534**

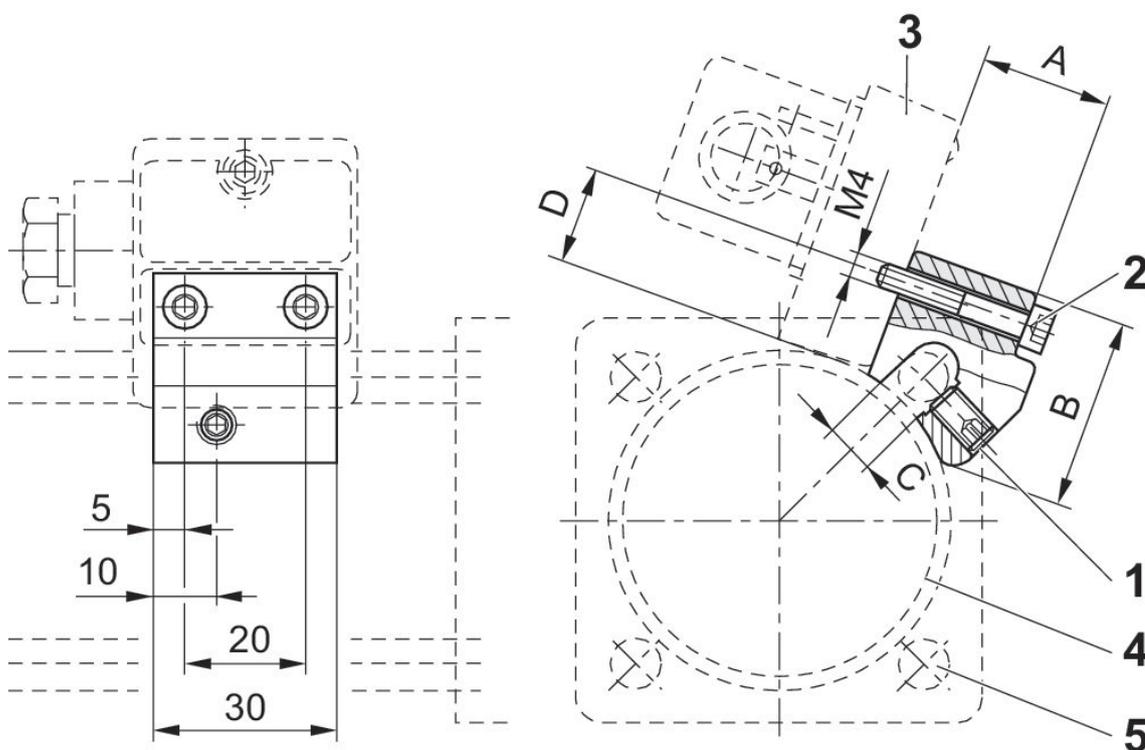
Pin-Belegung



**Sensorbefestigung, Serie CB1**



Zylinder-Ø min. [mm]	Zylinder-Ø max. [mm]	Werkstoff	Materialnummer
32	40	Aluminium	1827020056
50	63	Aluminium	1827020057
80	100	Aluminium	1827020058



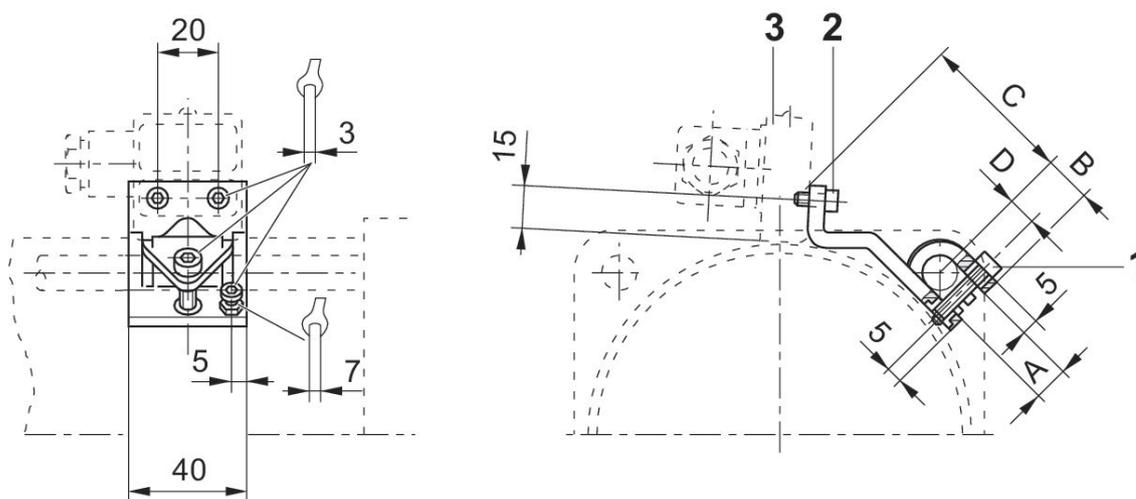
1) Klemmgewindestift 2) Befestigungsschraube für Sensor 3) Sensor 4) Zylinderprofil 5) Zuganker

Materialnummer	A	B	C	D	SW
1827020056	19.5	30	6	15	3
1827020057	24.5	30	8	15	3
1827020058	29.5	31	10	15	3

**Sensorbefestigung, Serie CB1**



Zylinder-Ø min. [mm]	Zylinder-Ø max. [mm]	Werkstoff	Materialnummer
125	125	Aluminium	1827020076
160	200	Aluminium	1827020077
250	250	Aluminium	1827020078

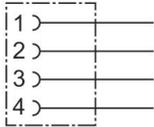


1) Befestigungsschraube 2) Befestigungsschraube für Sensor 3) Sensor

Materialnummer	A +0,5	B ±1	C ±2	D
1827020076	12	15	54	9
1827020077	16	17	53	11
1827020078	20	19	60	13

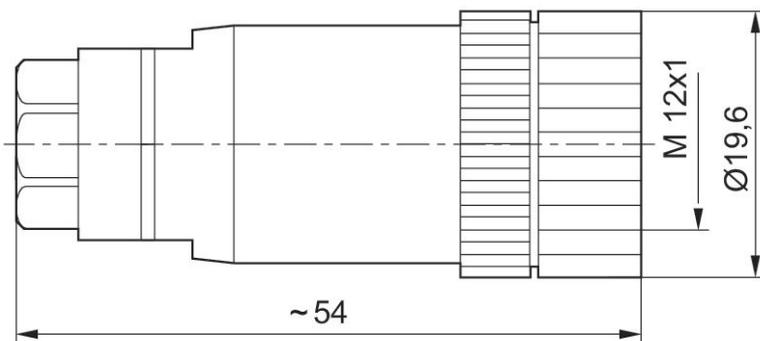
**Rundsteckverbinder, Serie CON-RD**

Buchse  
M12x1  
4-polig



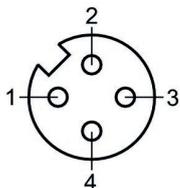
Betriebsspannung	Kontaktbelegung	Codierung	Schirmung	Anschlussart	Strom, max. [A]	anschließbarer Kabel-Ø min. [mm]	anschließbarer Kabel-Ø max. [mm]	Umgebungstemperatur min. [°C]	Umgebungstemperatur max. [°C]	Materialnummer
48 V AC/DC	4-polig	A-codiert	ungeschirmt	Schrauben	4	4	6	-40	85	1834484177

Abmessungen



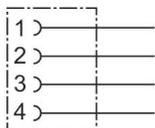
**1834484177**

Polbild Buchse



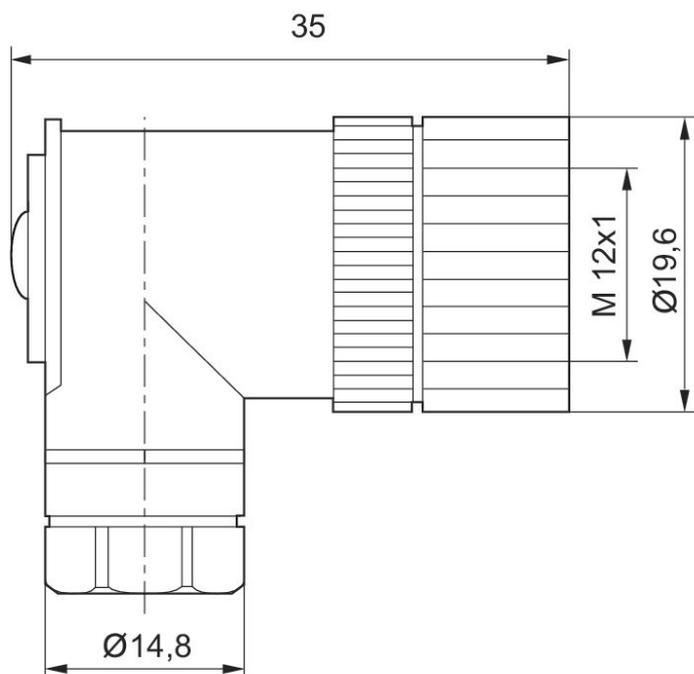
**Rundsteckverbinder, Serie CON-RD**

Buchse  
M12x1  
4-polig



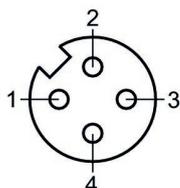
Betriebsspannung	Kontaktbelegung	Codierung	Schirmung	Anschlussart	Strom, max. [A]	anschließbarer Kabel-Ø min. [mm]	Umgebungstemperatur min. [°C]	Umgebungstemperatur max. [°C]	Materialnummer
48 V AC/DC	4-polig	A-codiert	ungeschirmt	Schrauben	4	4	-40	85	1834484178

Abmessungen



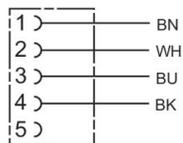
**1834484178**

Polbild Buchse



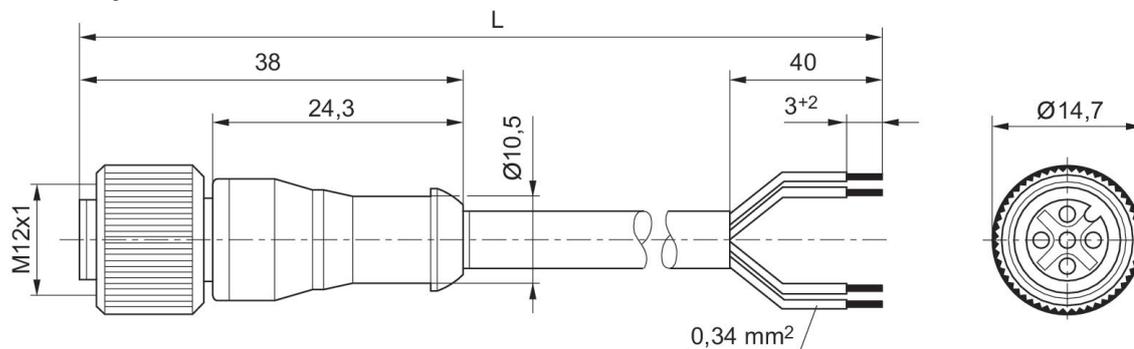
**Rundsteckverbinder, Serie CON-RD**

Buchse  
M12x1  
5-polig



Be-triebs-span-nung	Strom [A]	Schir-mung	Elektri-scher An-schluss 1, Typ	Elektri-scher An-schluss 1, Ge-winde-größe	Elektri-scher An-schluss 1, Co-dierung	Elektri-scher An-schluss 2, Typ	Kabel-länge [m]	Kabel-Ø [mm]	Leiter-quer-schnitt [mm²]	Umge-bungs-tempe-ratur min. [°C]	Umge-bungs-tempe-ratur max. [°C]	Materialnummer
48 V AC/DC	4	unge-schirmt	Buchse	M12x1	A-codiert	offene Kabelen-den	3	5.2	0.34	-25	70	1834484256
48 V AC/DC	4	unge-schirmt	Buchse	M12x1	A-codiert	offene Kabelen-den	5	5.2	0.34	-25	70	1834484257
48 V AC/DC	4	unge-schirmt	Buchse	M12x1	A-codiert	offene Kabelen-den	10	5.2	0.34	-25	70	1834484258

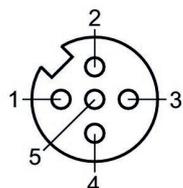
Abmessungen



L = Länge

**1834484256, 1834484257, 1834484258**

Polbild Buchse

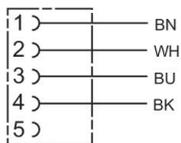


(1) BN=braun (2) WH=weiß (3) BU=blau (4) BK=Schwarz

(5) nicht belegt

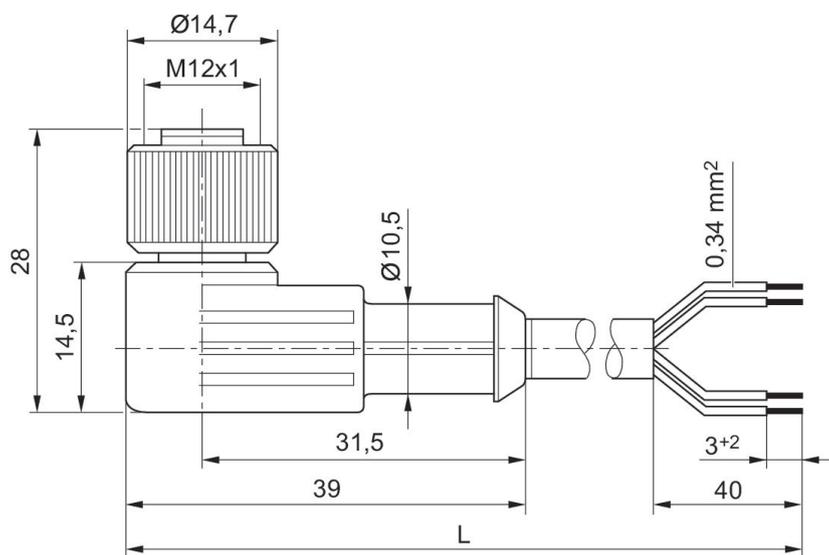
**Rundsteckverbinder, Serie CON-RD**

Buchse  
M12x1  
5-polig



Be- triebs- span- nung	Strom [A]	Schir- mung	Elektri- scher An- schluss 1, Typ	Elektri- scher An- schluss 1, Ge- winde- groe	Elektri- scher An- schluss 1, Co- dierung	Elektri- scher An- schluss 2, Typ	Kabel- lange [m]	Kabel-Ø [mm]	Leiter- quer- schnitt [mm²]	Umge- bungs- tempe- ratur min. [°C]	Umge- bungs- tempe- ratur max. [°C]	Materialnummer
48 V AC/ DC	4	unge- schirmt	Buchse	M12x1	A-codiert	offene Kabelen- den	3	5.2	0.34	-40	85	1834484259
48 V AC/ DC	4	unge- schirmt	Buchse	M12x1	A-codiert	offene Kabelen- den	5	5.2	0.34	-40	85	1834484260
48 V AC/ DC	4	unge- schirmt	Buchse	M12x1	A-codiert	offene Kabelen- den	10	5.2	0.34	-40	85	1834484261

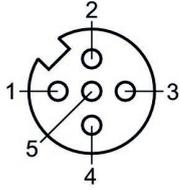
Abmessungen



L = Lange

**1834484259, 1834484260, 1834484261**

Polbild Buchse



(1) BN=braun (2) WH=wei (3) BU=blau (4) BK=Schwarz  
(5) nicht belegt

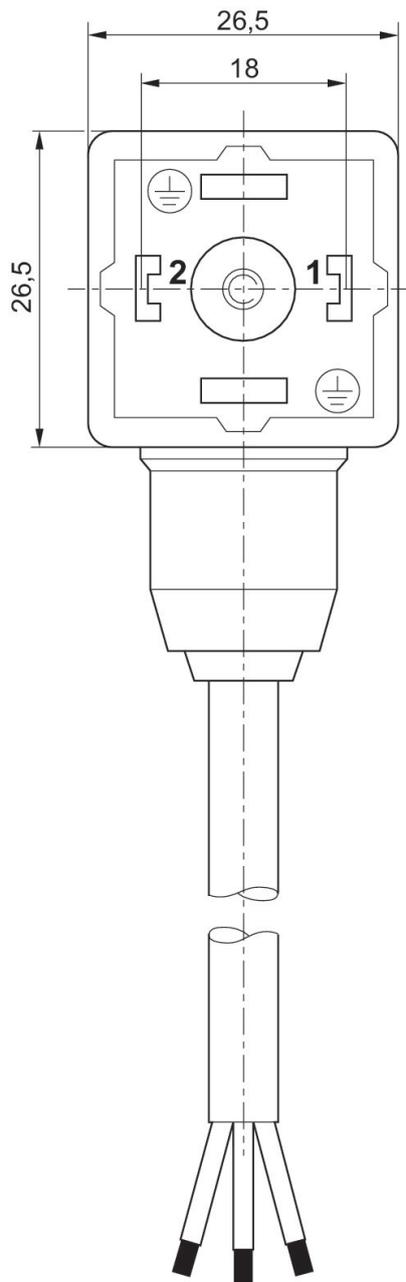
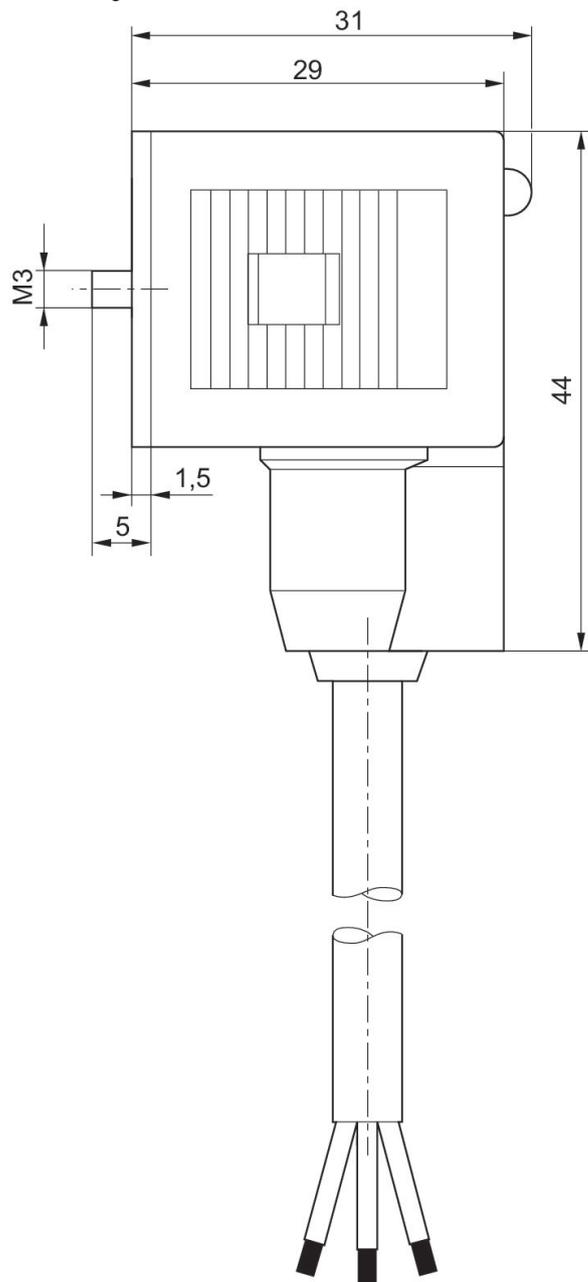
**Ventilsteckverbinder, Serie CON-VP**

Form A



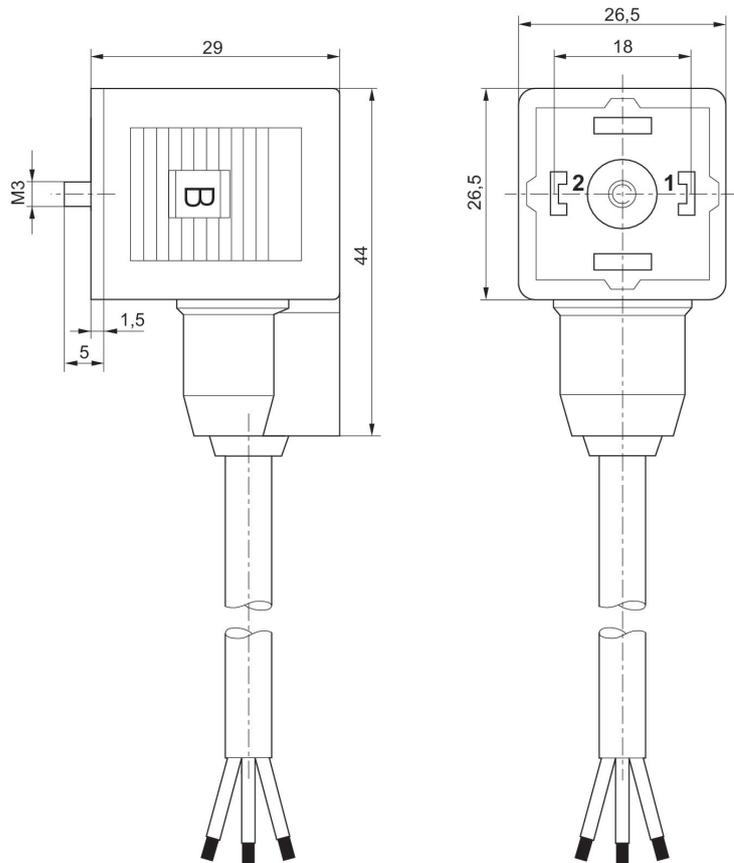
Betriebsspannung	Kontaktbelegung	Kabel-Ø [mm]	Kabellange [m]	Materialnummer
230 V AC/DC	2+E	5.9	3	1834484160

Abmessungen



**1834484160**

Abmessungen



**Ventilsteckverbinder, Serie CON-VP**

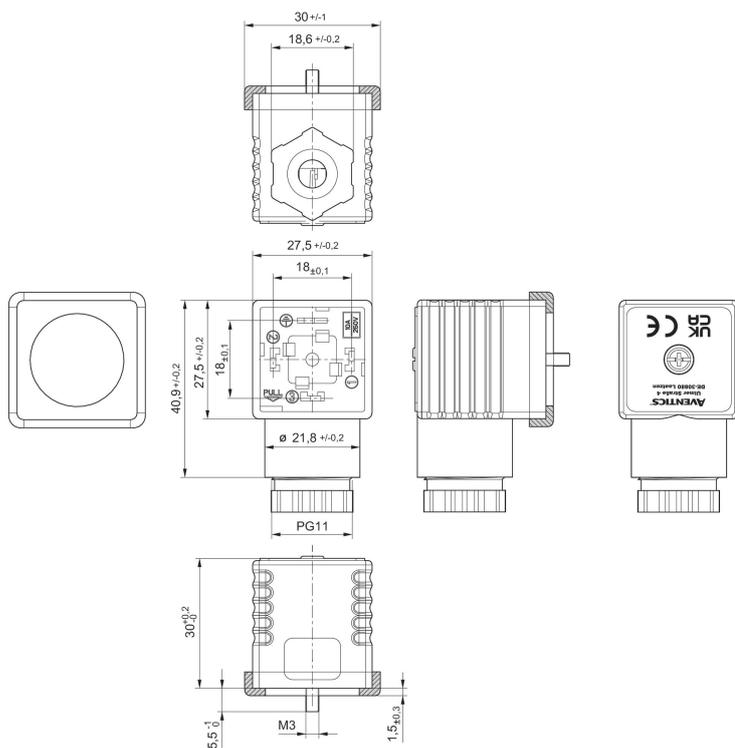
EN 175301-803, Form A



Betriebsspannung	Strom, max. [A]	Kontaktbelegung	anschliebarer Kabel-Ø min. [mm]	anschliebarer Kabel-Ø max. [mm]	Materialnummer
300 V DC / 250 V AC	10	3+E	4	9.5	1834484059

**1834484059**

Abmessungen



Profildichtung

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