

Sensors

KATLAX®

future sense



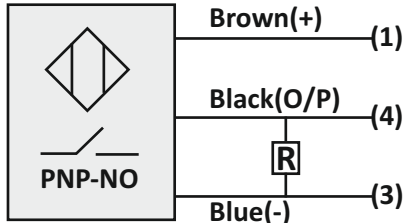
Reliable Sensing.....

Assured Control

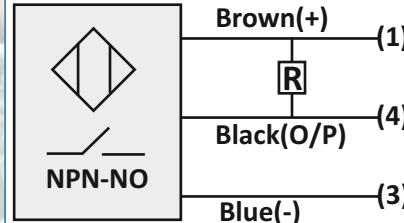
Capacitive

DC 3 Wire


Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M18x1	5/8	10 ... 30	NO/NC	Flush/NonFlush	200	100	ABS Plastic	60/68	Cable



PNP

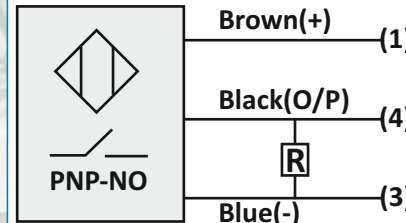


NPN

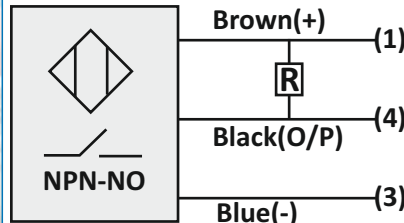


M18x1


Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M18x1	5/8	10 ... 30	NO/NC	Flush/NonFlush	200	100	Brass, Ni-Plated	60/68	Cable



PNP

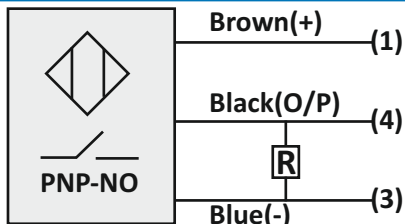


NPN

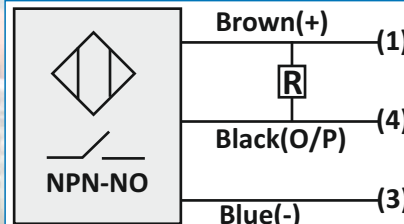


M18x1


Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M30x1.5	10/15	10 ... 30	NO/NC	Flush/NonFlush	400	100	ABS Plastic	70	Cable



PNP






NPN



M30x1.5

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M30x1.5	10/15	10 ... 30	NO/NC	Flush/NonFlush	400	100	Brass, Ni-Plated	60/70	Cable



 PNP-NO	Brown(+) (1) Black(O/P) (4) Blue(-) (3)	PNP	 NPN-NO	Brown(+) (1) Black(O/P) (4) Blue(-) (3)	NPN
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M30x1.5

AC 2 Wire



Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M30x1.5	10/15	85 ... 270	NO/NC	Flush/NonFlush	400	25	ABS Plastic	70	Cable


 AC - NO	Brown (L) Blue (N)	NO	 AC - NC	Brown (L) Blue (N)	NC
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M30x1.5

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M30x1.5	10/15	85 ... 270	NO/NC	Flush/NonFlush	400	25	Brass, Ni-Plated	60/70	Cable

 AC - NO	Brown (L) Blue (N)	NO	 AC - NC	Brown (L) Blue (N)	NC
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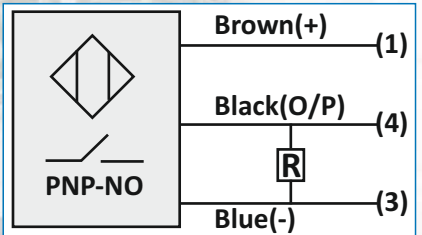


M30x1.5

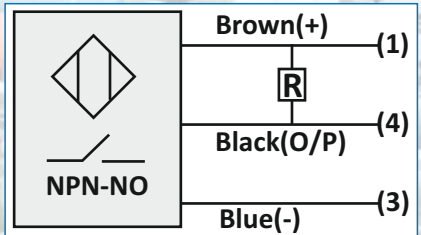
Inductive

DC 3 Wire

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
φ4	0.8	10 ... 30	NO/NC	Flush	100	2500	Stainless Steel	30	Cable



PNP



NPN

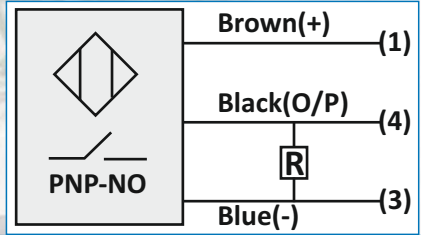


φ4

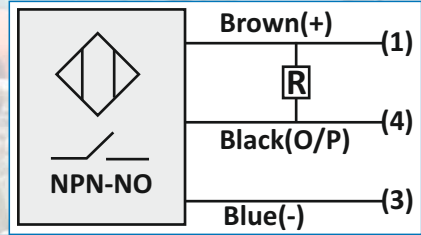


M05x1

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M05x1	0.8	10 ... 30	NO/NC	Flush	100	2500	Stainless Steel	30	Cable

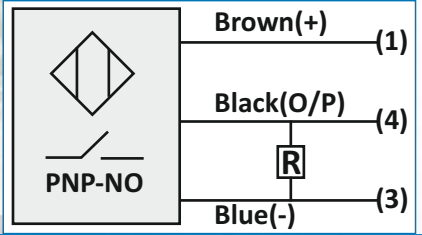


PNP

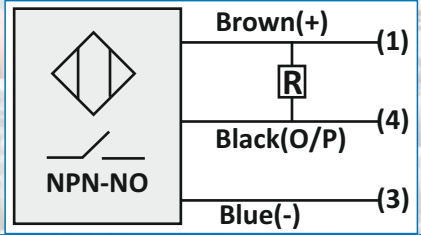


NPN

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
φ6.5	1.5/2	10 ... 30	NO/NC	Flush/NonFlush	200	2000/1500	Brass, Ni-Plated	50/60	Cable



PNP






NPN



φ6.5



Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M08x1	1.5/2	10 ... 30	NO/NC	Flush/NonFlush	200	2000/1500	Brass, Ni-Plated	45/50	Cable


 PNP-NO	Brown(+) (1) Black(O/P) (4) Blue(-) (3)	PNP	 NPN-NO	Brown(+) (1) Black(O/P) (4) Blue(-) (3)	NPN
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M08x1



Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M08x1	1.5/2	10 ... 30	NO/NC	Flush/NonFlush	200	2000/1500	Brass, Ni-Plated	48/53	Conn. (M08)


 PNP-NO	1 (+) 3 (-) 4 (O/P)	PNP	 NPN-NO	1 (+) 3 (-) 4 (O/P)	NPN
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M08x1

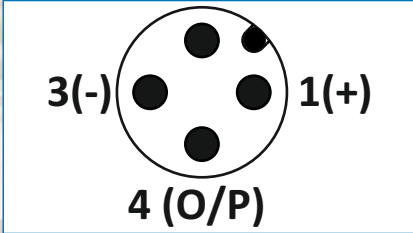
Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M08x1	1.5/2	10 ... 30	NO/NC	Flush/NonFlush	200	2000/1500	Brass, Ni-Plated	65/70	Conn. (M10)

 PNP-NO	4 (O/P) 2 1 (+) 3 (-)	PNP	 NPN-NO	4 (O/P) 2 1 (+) 3 (-)	NPN
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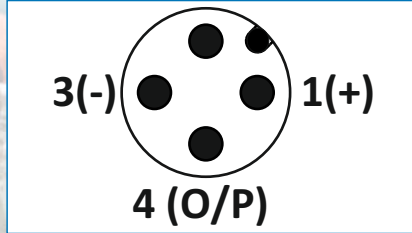


M08x1

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M08x1	1.5/2	10 ... 30	NO/NC	Flush/NonFlush	200	2000/1500	Brass, Ni-Plated	55/61	Conn.(M12)



PNP



NPN

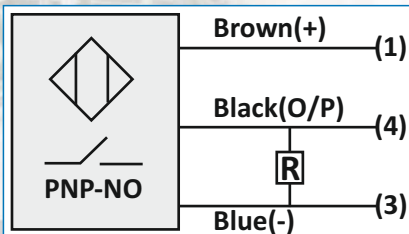


M08x1

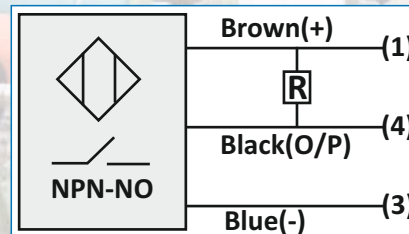


M12x1

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M12x1	2/4	10 ... 30	NO/NC	Flush/NonFlush	200	1500/1000	Brass, Ni-Plated	45/50	Cable

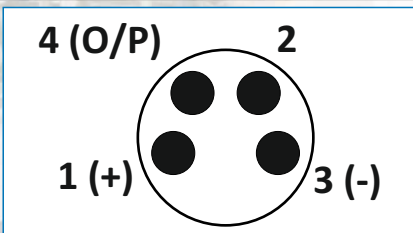


PNP

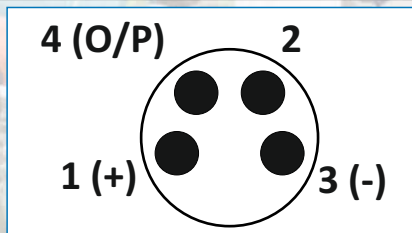


NPN

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M12x1	2/4	10 ... 30	NO/NC	Flush/NonFlush	200	1500/1000	Brass, Ni-Plated	55/60	Conn. (M10)



PNP

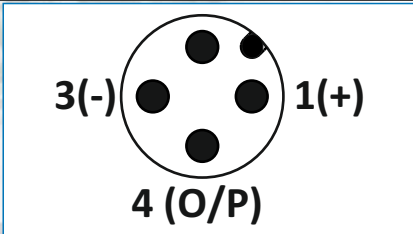


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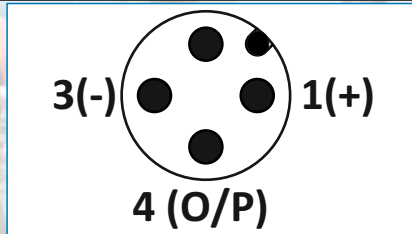


M12x1

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M12x1	2/4	10 ... 30	NO/NC	Flush/NonFlush	200	1500/1000	Brass, Ni-Plated	55/60	Conn.(M12)



PNP



NPN

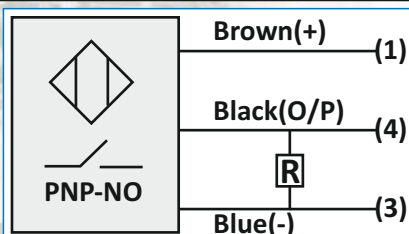


M12x1

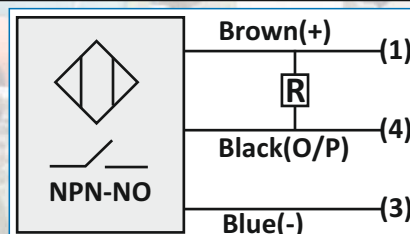


M18x1

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M18x1	5/8	10 ... 30	NO/NC	Flush/NonFlush	200	1000/800	Brass, Ni-Plated	45/55	Cable

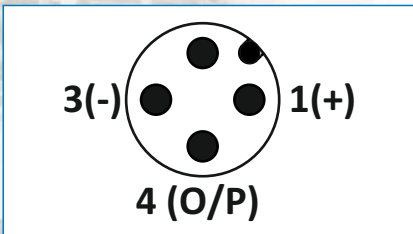


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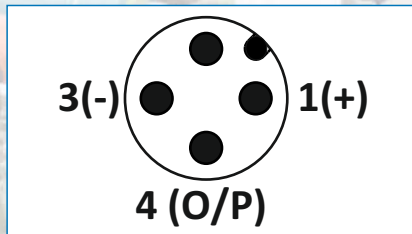


NPN

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M18x1	5/8	10 ... 30	NO/NC	Flush/NonFlush	200	1000/800	Brass, Ni-Plated	55/63	Conn. (M12)



PNP

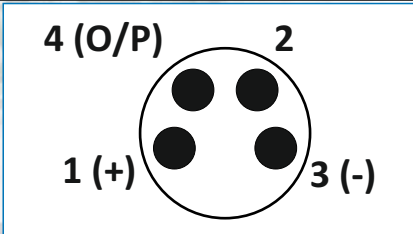


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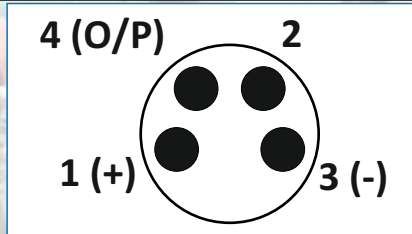


M18x1

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M18x1	5/8	10 ... 30	NO/NC	Flush/NonFlush	200	1000/800	Brass, Ni-Plated	65/73	Conn. (M10)



PNP



NPN

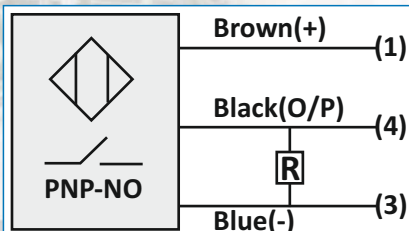


M18x1

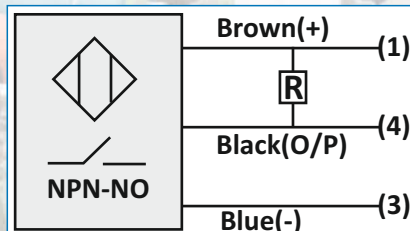


M30x1.5

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M30x1.5	10/15	10 ... 30	NO/NC	Flush/NonFlush	400	500/300	Brass, Ni-Plated	65/78	Cable

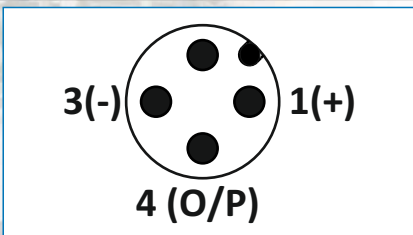


PNP

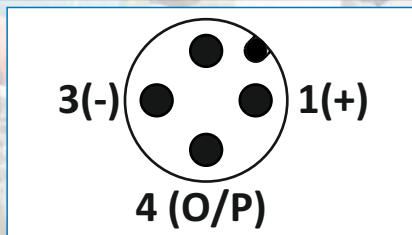


NPN

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M30x1.5	10/15	10 ... 30	NO/NC	Flush/NonFlush	400	500/300	Brass, Ni-Plated	87/97	Conn. (M12)



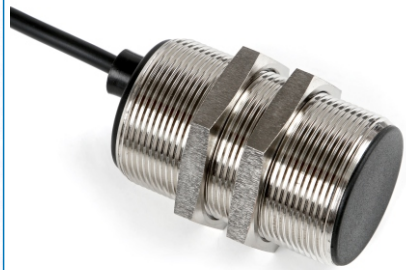
PNP



NPN

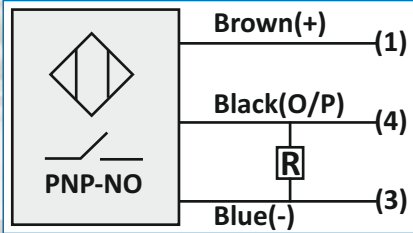


M30x1.5

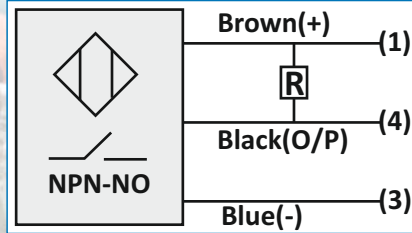


M36x1.5

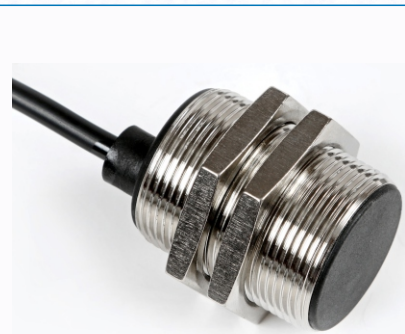
Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M36x1.5	15/20	10 ... 30	NO/NC	Flush/NonFlush	400	300/200	Brass, Ni-Plated	60/80	Cable



PNP

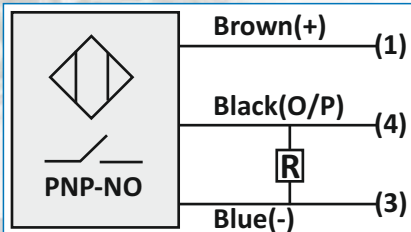


NPN

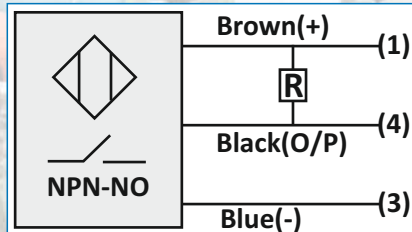


M50x1.5

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M50x1.5	20/25	10 ... 30	NO/NC	Flush/NonFlush	400	200/100	Brass, Ni-Plated	60/76	Cable



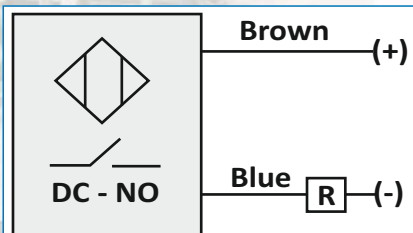
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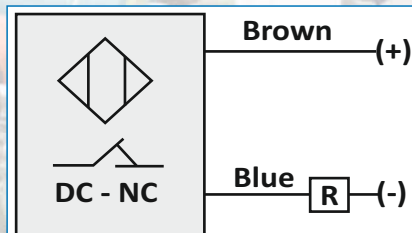
NPN

DC 2 Wire

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M12x1	2/4	10 ... 30	NO/NC	Flush	400	800/500	Brass, Ni-Plated	55/60	Cable



NO

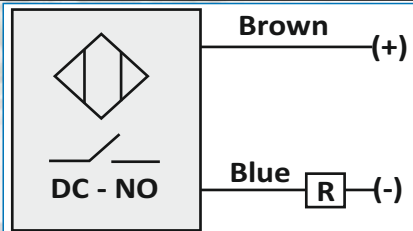


NC

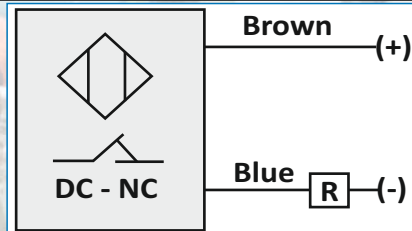


M12x1

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M18x1	5/8	10 ... 30	NO/NC	Flush/NonFlush	400	500/300	Brass, Ni-Plated	63/70	Cable



PNP



NPN

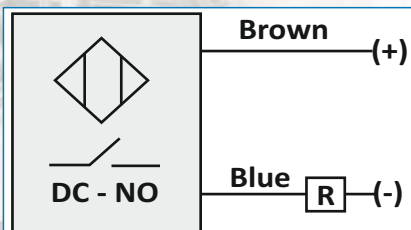


M18x1

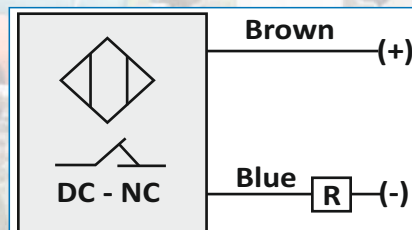


M30x1.5

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M30x1.5	10/15	10 ... 30	NO/NC	Flush/NonFlush	400	300/200	Brass, Ni-Plated	65/78	Cable

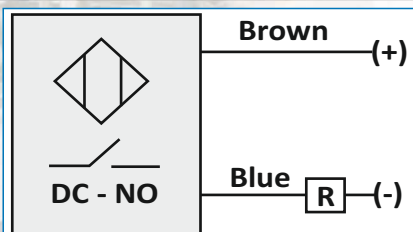


PNP

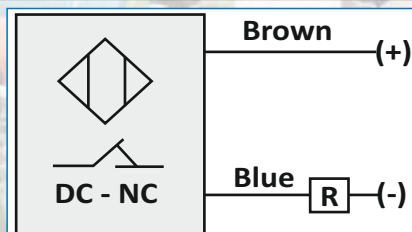


NPN

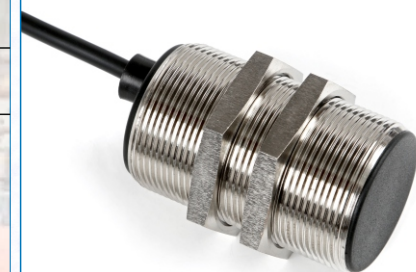
Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M36x1.5	15/20	10 ... 30	NO/NC	Flush/NonFlush	400	200/100	Brass, Ni-Plated	60/80	Conn. (M12)



PNP



NPN



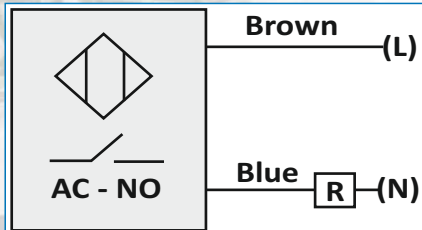
M36x1.5

AC 2 Wire

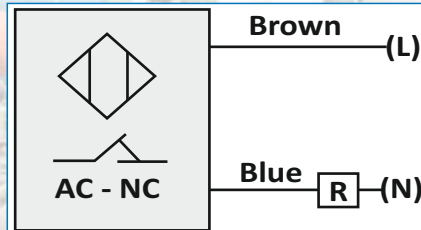
Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M12x1	2/4	85 ... 270	NO/NC	Flush	200	25/20	Brass, Ni-Plated	70/73	Cable



M12x1



NO

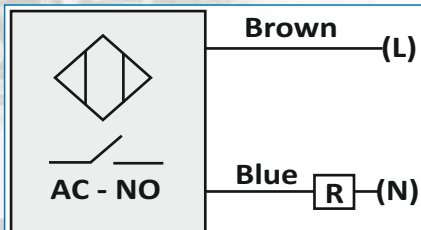


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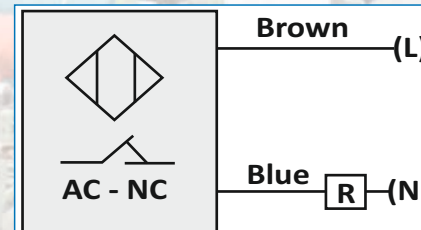


M18x1

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M18x1	5/8	85 ... 270	NO/NC	Flush/NonFlush	400	20/15	Brass, Ni-Plated	63/70	Cable



NO

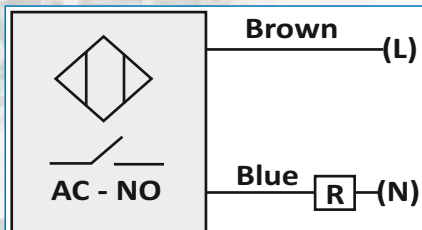


NC

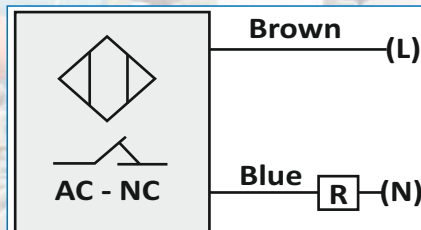
Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M30x1.5	10/15	85 ... 270	NO/NC	Flush/NonFlush	400	15/10	Brass, Ni-Plated	65/78	Cable



M30x1.5

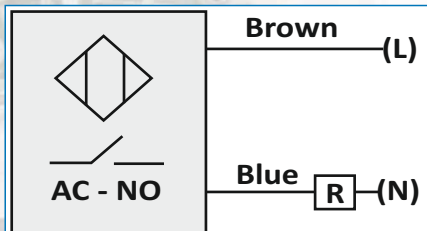


NO

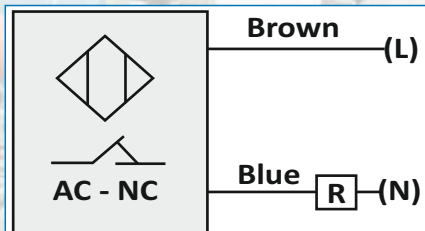


NC

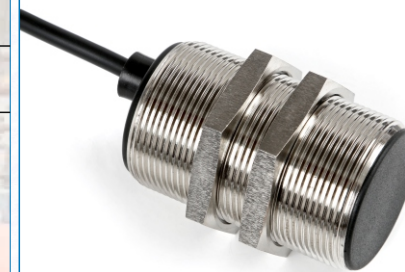
Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M36x1.5	15/20	85 ... 270	NO/NC	Flush/NonFlush	400	10	Brass, Ni-Plated	60/80	Cable



NO



NC



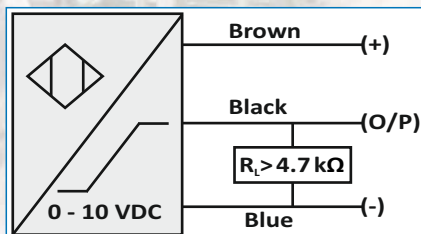
M36x1.5

Analog

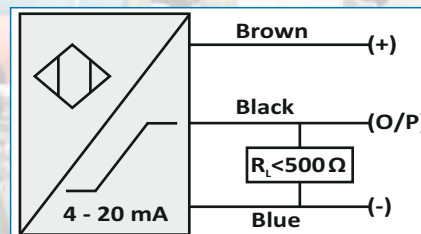


M18x1

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M18x1	2 ... 7	15 ... 30	4-20 mA / 0-10 V DC	NonFlush	< 20	500	Brass, Ni-Plated	82	Cable

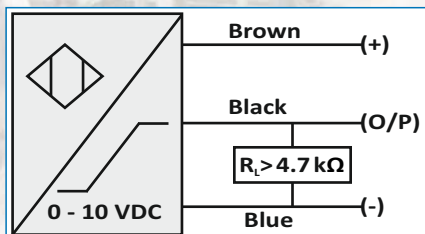


Voltage type

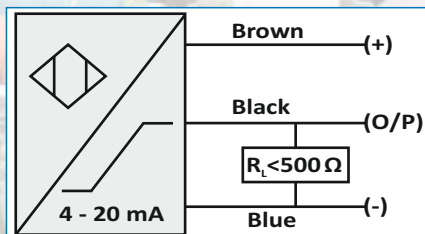


Current type

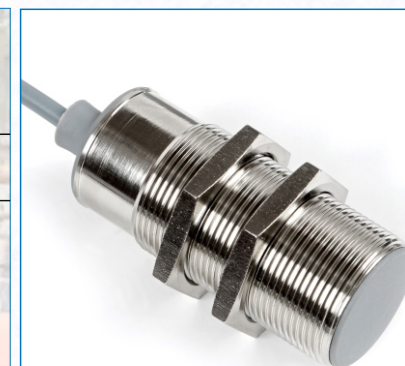
Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M30x1.5	3 ... 11	15 ... 30	4-20 mA / 0-10 V DC	Flush	< 20	300	Brass, Ni-Plated	68	Cable



Voltage type



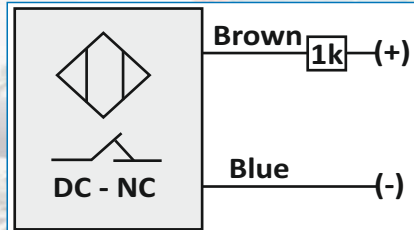
Current type



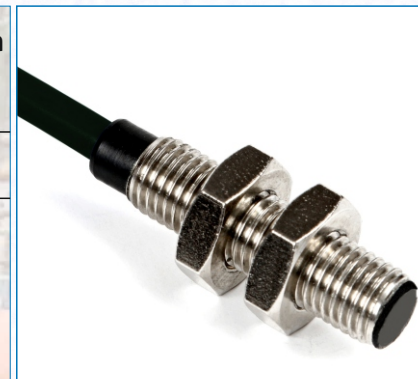
M30x1.5

Namur

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M08x1	1.5/2	8.2	NC	Flush/NonFlush	$I < 1, I > 4$	2000/1500	Brass, Ni-Plated	30/35	Cable



NC

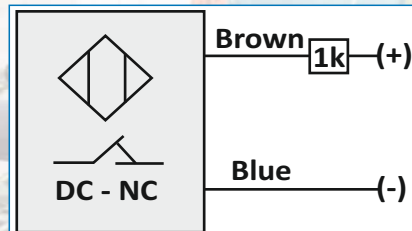


M08x1



M12x1

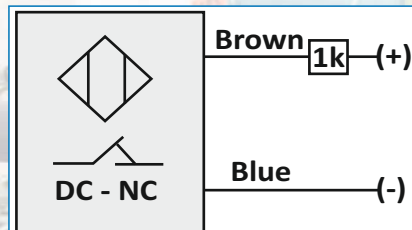
Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M12x1	2/4	8.2	NC	Flush/NonFlush	$I < 1, I > 4$	1500/1000	Brass, Ni-Plated	30/35	Cable



NC



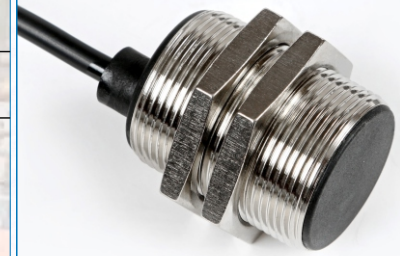
Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M18x1	5/8	8.2	NC	Flush/NonFlush	$I < 1, I > 4$	1000/800	Brass, Ni-Plated	30/37	Cable



NC

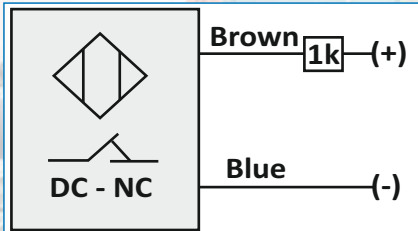


M18x1



M30x1.5

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M30x1.5	10/15	8.2	NC	Flush/NonFlush	$I < 1, I > 4$	500/300	Brass, Ni-Plated	35/42	Cable

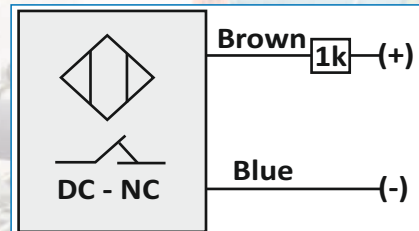


NC



M36x1.5

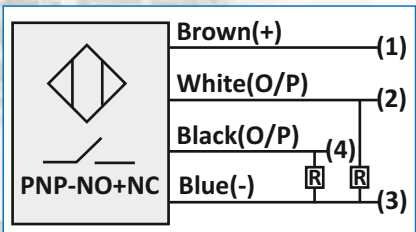
Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M36x1.5	15/20	8.2	NC	Flush/NonFlush	$I < 1, I > 4$	300/200	Brass, Ni-Plated	55/75	Cable



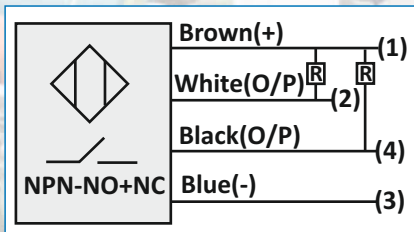
NC

DC 4 Wire

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M12x1	2/4	10 ... 30	NO+NC	Flush/NonFlush	200	1500/1000	Brass, Ni-Plated	45/50	Cable



PNP

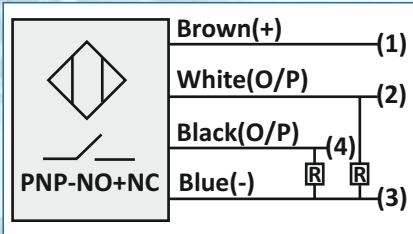


NPN

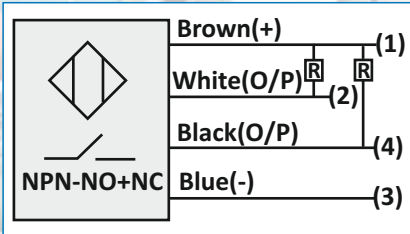


M12x1

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M18x1	5/8	10 ... 30	NO+NC	Flush/NonFlush	200	1000/800	Brass, Ni-Plated	45/55	Cable



PNP



NPN

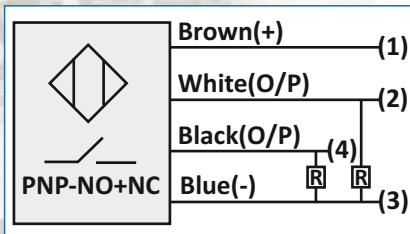


M18x1

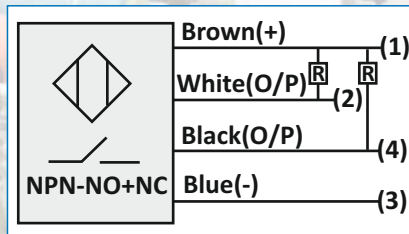


M30x1.5

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M30x1.5	10/15	10 ... 30	NO+NC	Flush/NonFlush	200	500/300	Brass, Ni-Plated	65/78	Cable



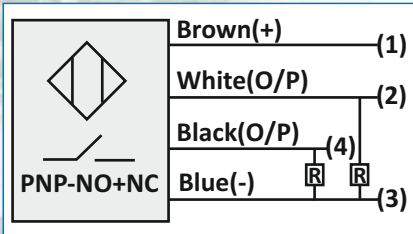
PNP



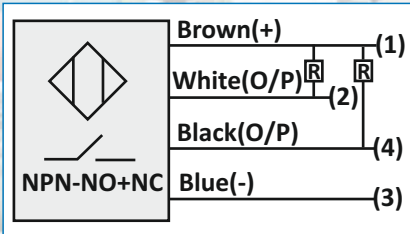
NPN



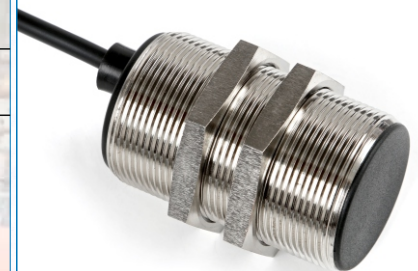
Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M36x1.5	15/20	10 ... 30	NO+NC	Flush/NonFlush	200	300/200	Brass, Ni-Plated	60/80	Cable



PNP



NPN

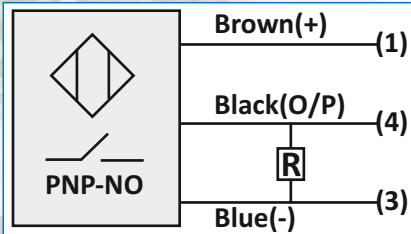


M36x1.5

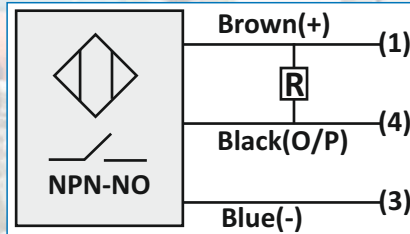
Magnetic

3 Wire

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M12x1	2	10 ... 30	NO/NC	Flush	200	20k	Brass, Ni-Plated	60	Cable



PNP



NPN

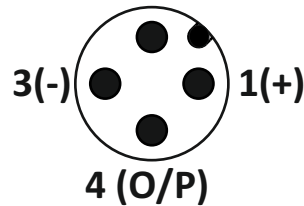


M12x1

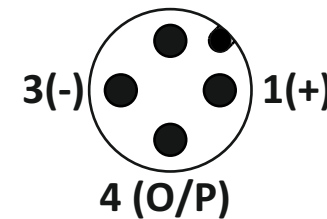


M12x1

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M12x1	2	10 ... 30	NO/NC	Flush	200	20k	Brass, Ni-Plated	60	Conn.(M12)

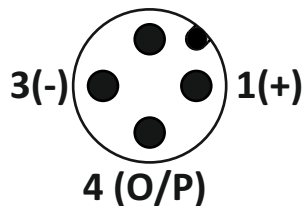


PNP

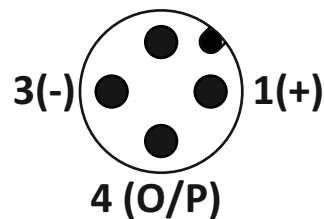


NPN

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Mounting	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M12x1	2	10 ... 30	NO/NC	Flush	200	10k	Brass, Ni-Plated	60	Conn.(M12)



PNP



NPN

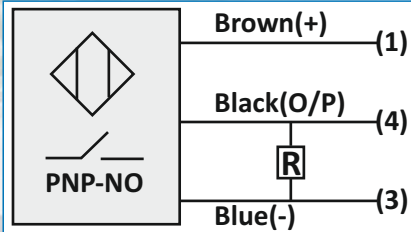


M12x1

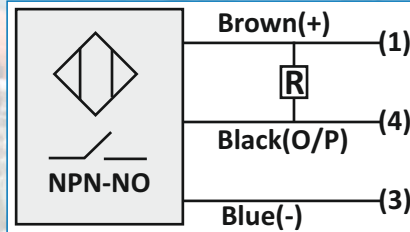
Photoelectric Sensor

Diffuse

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Operation type	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M18x1	200	10 ... 30	NO/NC	Diffuse	200	50	Brass, Ni-Plated	60	Cable



PNP



NPN

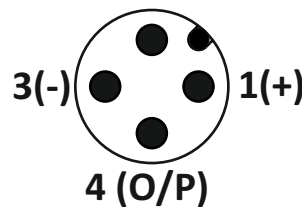


M18x1

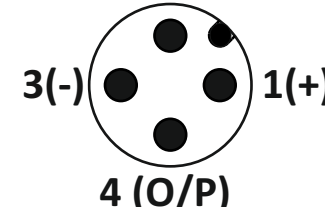


M18x1

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Operation type	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M18x1	200	10 ... 30	NO/NC	Diffuse	200	50	Brass, Ni-Plated	65	Conn.(M12)



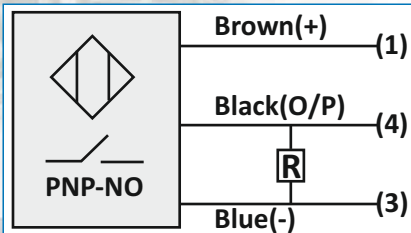
PNP



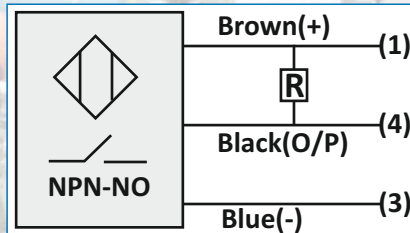
NPN

Retro reflective

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Operation type	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M18x1	2000	10 ... 30	NO/NC	Retro reflective	200	50	Brass, Ni-Plated	65	Cable



PNP

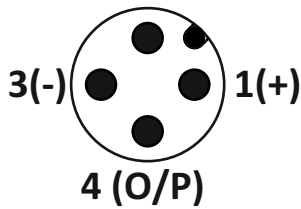


NPN

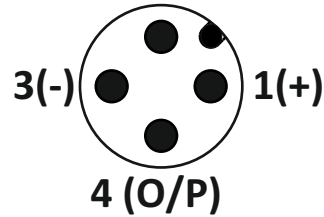


M18x1

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Operation type	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M18x1	2000	10 ... 30	NO/NC	Retro reflective	200	50	Brass, Ni-Plated	75	Conn. (M12)



PNP



NPN



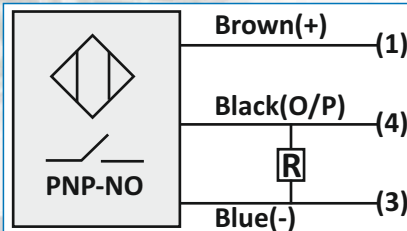
M18x1

Thrubeam

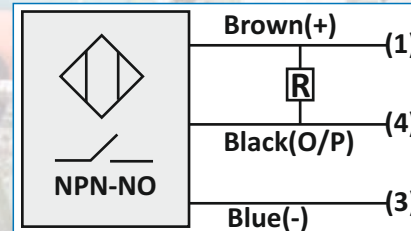


M18x1

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Operation type	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M18x1	5000	10 ... 30	NO/NC	Thrubeam	200	50	Brass, Ni-Plated	60 - 68	Conn.(M12)

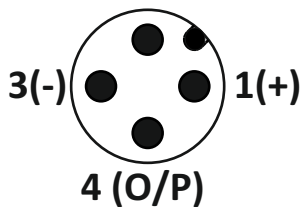


PNP

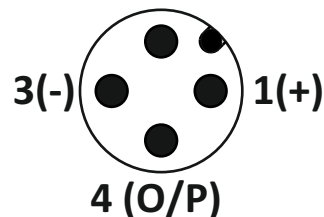


NPN

Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Operation type	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M18x1	5000	10 ... 30	NO/NC	Thrubeam	200	50	Brass, Ni-Plated	65 - 75	Conn. (M12)



PNP



NPN

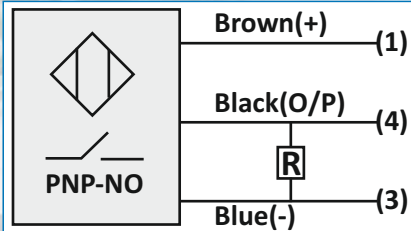


M18x1

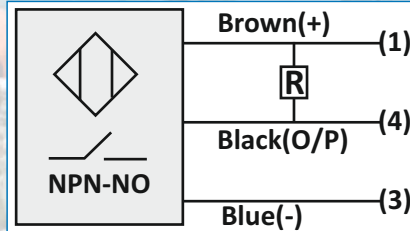
Diameter (mm)	Sensing Distance-Sn (mm)	Supply Voltage (V DC)	O/P type	Operation type	Load Current (mA)	Switching Frequency (Hz) @Sn/2	Housing Material	Housing Size (mm)	Termination Type
M30x1.5	25	10 ... 30	NO/NC	Thrubeam	400	50	Brass, Ni-Plated	85 - 85	Cable



M30x1.5



PNP



NPN



future sense

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